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ROYAL BOTANIC GARDENS, KEW.

BULLETIN

OF

MISCELLANEOUS INFORMATION.

ADDITIONAL SERIES X.

FLORA OF KWANGTUNG AND HONGKONG (CHINA).

BEING AN ACCOUNT OF THE FLOWERING PLANTS, FERNS AND FERN ALLIES TOGETHER WITH KEYS FOR THEIR DETERMINATION PRECEDED BY A MAP AND INTRODUCTION,

BY

STEPHEN TROYTE DUNN, B.A., F.L.S.,
sometime Superintendent of the Botanical and Forestry Department, Hongkong:

AND

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PREFACE.

The first and, up till now, the only work by which plants from any part of the Celestial Empire could be identified was Bentham's *Flora Hongkongensis* published in 1861. This Flora dealt only with the small island of Hongkong on the S.E. coast of China and is now moreover out of date and difficult to obtain, so that it has become more and more desirable, with growing interest in the Chinese flora and with the desire among the Chinese themselves for a scientific knowledge of their own country, to publish without delay some sort of preliminary descriptive Flora of a larger area. Such a work will serve as a stimulus to local botanical enterprise and provide a foundation for the collection of materials for a more complete Flora. During our association in the control of the Botanical and Forestry Department at Hongkong we have fully realised this need and have had the matter kept fresh in our minds by constant enquiries for a work of this kind. We have therefore been induced to prepare the keys and other information set forth in the following pages and have deemed it wise to confine ourselves to Kwangtung and Hongkong and to cast the work on a simple scale which would not take too long to carry out nor be too bulky for convenient use.

We desire to record our thanks to Sir Henry Blake, Governor of Hongkong (1897–1903) and to subsequent Governors who have sanctioned successive measures for the increase of efficiency of the botanical service of the colony and for the exploration of neighbouring portions of the coast, hitherto botanically unknown, to Dr. C. G. Matthew, R.N., and to the late Mrs. Gibbs for their help with the detailed exploration of the Colony and to the Chinese botanical collectors and herbarium assistants for their labours for us in the field and office. Lastly we wish to express our appreciation of the courtesy of the Director of the Royal Botanic Gardens, Kew, in allowing the use of the Kew herbarium and library during the final stages of the work.

THE AUTHORS.

INTRODUCTION.

Position and size of area.—Kwangtung is the southernmost province of China and occupies the whole of the southern coast line of the empire. Bounding it upon the north are the maritime province of Fokien and the inland ones of Kiangsi and Hunan, while Kwangsi lies immediately to the west. At its south-west corner it touches for a few miles the French Indo-Chinese colony of Tongking. Its length amounts to 600 miles lying nearly east and west, but it nowhere recedes more than 250 miles from the open sea. Its area, about 68,000 square miles, is rather less than that of Great Britain. Some 300 small islands lie off the coast, among which is Hongkong.

Climate.—The province is more than half within the tropics and is characterised for the greater part of the year by hot damp weather, during which periods of strong sunshine alternate with downpours of warm torrential rain amounting to some 70 inches in all. The south-west monsoon, in which these conditions prevail, breaks upon the coast rather suddenly about April and continues to blow with more or less regularity for six or seven months, gradually failing in October or November, to give place to the winter monsoon from the opposite point of the compass. The long succession of rainstorms and the usually cloud-laden sky are then succeeded as a rule by several months of cool weather accompanied by clear pale blue skies and a complete absence of rain. The smaller streams gradually dry up and the grass hills assume their winter colouring of pale brown.

Though the winters are pleasantly cool, frosts are of very rare occurrence, except on the highest ground. Even there they are infrequent and of short duration.

The succession of extremes of wet and dry weather naturally exerts a profound influence on the vegetation, but quite as important in this respect are doubtless the periodical visits of typhoons to which the coastal regions are liable at all times, but especially during the late summer. These brief but extraordinarily violent storms play great havoc with all kinds of vegetation and their occurrence explains some of the peculiar characters of the flora of the coast of Kwangtung.

Geology.—The greater part of the surface of the coastal region consists of various igneous rocks, but chiefly of a kind of granite, which readily disintegrates under the action of the atmosphere. This granite is intermixed with harder and more resistant rock masses, which remain as gigantic boulders all over the granite mountains as the softer parts are washed away. In the interior and to a less extent on the coast, limestone formations, coal measures and tertiary sandstones occupy large areas. Alluvial deposits attain considerable dimensions only in the deltas of the East, West and North Rivers which coalesce to form the "Canton Delta" occupying approximately a triangle having three equal sides of about 100 miles each.

Physical features.—Kwangtung and Kwangsi, as their names imply, form the artificial eastern and western divisions of a natural area, the basin of the great river of South China, the West River. The mountain ranges of Kwangtung, which can be seen from the sea, are

(21515—6a.) Wt. 19085—411 (73). 500. 2/12. D & S.

principally of granite and present the curious boldly rounded outlines, broken here and there by crags, which become especially familiar in a country where few visitors have the opportunity of seeing more than the ports and what is visible from the deck of a coasting steamer between them. These hills, covered with coarse grass and low shrubby vegetation, give an appearance of barrenness, which is scarcely relieved even on closer investigation by the scanty vegetation of shrubs and small trees which clothes the steep sides of the ravines through which the mountain torrents rush down to the beach.

If the province is entered by way of Canton there has first to be traversed the "Canton Delta" where every yard of the alluvial plains is subjected to the closest cultivation, orchards of Litchi, Orange and Persimmon, fields of Maize and Sugar Cane, Hemp and Ramie, groves of Banana or Fan Palm stretching luxuriantly before the eye, line beyond line, up to the horizon.

Beyond these coastal plains commence the irregular systems of rugged mountains which eventually culminate along the northern boundaries of the province. The latter follow roughly the water-parting between the rivers of Hunan and Kiangsi flowing northward into the Yangtze and the tributaries of the West River falling to the south. In this region, which is scarcely defined as a mountain range but which is nevertheless often spoken of as the *Nan-shan*, rise the three principal rivers of northern Kwangtung. These are the North River which falls into the West River near Canton, the East River flowing into the Canton Delta through the Tungkun plains and the northern affluents of the turbid Han, which falls into the sea near Swatow. The sources of the East River, about which little is known, are among what are probably the highest mountains in the province. Elsewhere the ranges seldom exceed 3,000 feet, though isolated peaks rise here and there one or two thousand feet higher.

The approach to these mountainous districts is most easily made by boat on one of the large rivers that intersect the ranges and have afforded access from time immemorial to the interior of the province. In their lower courses the banks are low and frequent groves of feathery bamboos wave in the breeze along their summits. Between these appear vistas of rich flat pastures and peaceful villages, standing in their ancestral groves. The mountains soon close in and slow progress is made up foaming rapids, past many a gorge and frowning precipice. Whenever more open reaches permit, glimpses can be caught of the wild romantic scenery of the mysterious highlands, where no white man has been. In most parts of the mountains the bold rounded outlines indicate granitic formations. In the limestone districts these give place to the rugged crags and fantastic shapes, so often portrayed in Chinese pictorial art.

So far as it has been explored, the coast, centre and north-west of the province are fairly well known and good descriptions of the scenery are available. The southern portion on the other hand is practically unknown to Europeans, with the exception of the immediate neighbourhood of Kwangchow, Pakhoi, and a few other sea ports where traders have resided.

Topography.—In a country so little known to western travellers there is naturally great difficulty in locating the mountains and villages quoted by collectors, when no further indication is given than the sound of the Chinese name. As an instance of this may be mentioned that, of the five or six villages referred to by Dr. Tate, as the localities of his collection of January, 1863, which is now preserved at Kew, not one can be found on European maps. These and other similar place names are quoted in the enumeration of species pending their rediscovery and are included in the index with the note "not yet located." The position of all other places quoted in the list are there explained, further information being added when necessary in the index. Some of the more important localities are shown on the map.

The list of localities cited in the text under each species begins with those in Hongkong and continues with the Hongkong New Territory; then follow the coastal regions, beginning from the east, and finally inland places in order of their remoteness from the coast. The area designated Hongkong refers to the island of that name, which is in one of the numerous groups situated off the south-east coast of China at the mouth of the Canton River. It is about 11 miles long by 2 to 5 broad with an area of some 30 square miles. But the term usually includes the small Kowloon peninsula, a portion of the mainland which approaches closely to the island, and the islets of Stonecutters, Aplichau and a few others, ceded to Great Britain in 1860.

The New Territory, or New Territories as it was originally called, was leased to Great Britain in 1898. It comprises about 300 square miles of the mainland behind or north of Kowloon, as well as several adjacent islands. The largest of the latter, Lantao, is larger than Hongkong Island. The eastern shores of the mainland portion are washed by the waters of Mirs Bay, its western side forming the eastern shore of the Canton River estuary. No special reference is necessary here to the topography of the British territory as excellent maps on various scales are available. Further inland the location of collectors' stations is less easy, but much valuable topographical information has been collected by missionaries and other residents. This and a few small-scale native maps are so far our only sources of information. No general survey with modern instruments has yet been made. The German and French maps, on a scale of 16 miles to the inch, showing the mountain ranges by shading, provide a neat and convenient summary of our present knowledge of the physical features and topography of the province.

Means of Access.—The coast of Kwangtung can be reached at several points by ocean-going European steamers and at frequent intervals between these by Chinese launches running along the coast from them. Well equipped river steamers also make regular trips through the province by way of the West River. Beyond these lines of communication access to the interior is provided to a limited extent by Chinese rapid-boats. By means of the latter the North and East Rivers and some of their tributaries as well as the Han can be ascended, and the vegetation within easy reach of them has been more or less explored by collectors.

Beyond that, progress has to be made by the use of Chinese paths. There are no roads, even between the largest cities. Chinese guides can conduct the traveller from town to town, but the paths are not commodious for the carriage of heavy baggage, being at intervals only a few inches wide and consisting of narrow stone steps on the mountain sides. It thus happens that though many able and enterprising botanists have resided in the province, none of them have been able to make any considerable collections beyond the neighbourhood of the water ways.

History of Botanical Exploration.—Meagre as is our knowledge of the flora of this province, it is probably more complete than is the case with any other part of China. To this result have contributed the unusual length of the sea coast, the navigability of several of the rivers, the long residence of Europeans at four of the principal centres and the fact that a well-equipped botanical station has been maintained by the British Government for many years at Hongkong, nearly in the centre of the coast line.

A concise account of the history of exploration up to nearly the end of last century may be found in Bretschneider's classical *History of Botanical Discoveries in China.* The collectors during that period, whose work has most abundantly contributed to our knowledge of the flora, are Hance, Ford, Sampson, Vachell, Krone and B. C. Henry. During the present century the work begun by Ford in founding the Herbarium* of the Botanical and Forestry Department in Hongkong has been energetically continued by the officers of that Department,† and several special expeditions have been organised and despatched by the Colonial Government under their care for the exploration of the less known parts of the province. Expeditions to Sanning, Hoifung and to the Swatow hinterland may specially be mentioned as filling up gaps in our knowledge, while the more thorough exploration of the colonial flora has given us a fairly accurate idea of the vegetation of a few hundred square miles of the district.

Much still remains to be done. A map has been prepared and will be found at the beginning of the book indicating the ground already more or less botanically explored; all the rest is practically untouched. Thus the whole of the area from south-west to west of Macao, representing roughly the westernmost third of the province, remains quite unexplored botanically save for a few small areas on the coast. It is probable that the vegetation of this portion contains a considerable number of species in common with the more completely tropical French possessions to the southward which are as yet absent from our records for the province.

The flora again of the region from north to east of Canton which represents another third of Kwangtung is totally unknown, except from a few collections made on mountains on its southern borders and along some of the small rivers near Canton. The northern portion probably contains the highest ground in the province and may confidently be expected to yield numerous new and interesting discoveries to the botanists who first have the time, means and enterprise at their disposal for its exploration.

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* See Dunn's *The Hongkong Herbarium* in Kew Bull., 1910, 188.

† See the departmental Annual Reports for the period.

The months in which most species are in flower are April and May and most of the collections on which our knowledge of the flora is based were gathered in those months.

Sources of information regarding the flora.—It may be said, in the first place, that no information of any kind has been or can be collected from Chinese sources, which could be usefully included in the kind of Flora expected by western readers. The foundation of this Flora is the Colonial Herbarium at Hongkong, to which reference has already been made. The Kwangtung material therein has practically all been collected by the European officers of the Botanical and Forestry Department and their Chinese assistants. Such records in the works enumerated below as were additional to the herbarium records have been included with them in the list. Special mention must be made of Forbes and Hemsley's "Enumeration" which has been utilised largely throughout. The Kwantung records in the herbaria of Kew and the British Museum are taken up usually on that authority alone, as no collections from the province of any importance have been added to them since the publication of the work.

There are, however, several large collections on the continent which remain to be searched for Kwangtung records. The herbarium, for instance, of the late Drake del Castillo contains many collections of Kwangtung plants. They, with the rest of his herbarium, were bequeathed to the *Museum d'Histoire Naturelle*, but owing to want of space at the *Jardin des Plantes* they still lie at his house in Paris, where they can be seen on application. The Paris Herbarium itself has not been consulted : it doubtless contains much material which would add to our knowledge of the provincial flora.

The principal books from which information was derived were :

Bentham's *Flora Hongkongensis.*
Forbes and Hemsley's *Enum. Pl. China.*
Finet and Gagnepain's *Flore de l'Asie Orientale.*
Miquel in *Journ. de Bot. Néerl.* i. (Krone's plants.)
Journal of Botany.
Hooker's Icones Plantarum.
Kew Bulletin.

Extent of information.—The relative amount of attention that each part of the province has received may be gathered from the following comparison between the numbers of records from each, which are quoted in the following pages. Out of each 100 records, 23, on an average, are found to refer to Hongkong (chiefly from *Ford*, *Hance*, *Tutcher*), 15 to the New Territory (*Ford*, *Dunn*, *Tutcher*), 11 to the Swatow hinterland (*Dunn*), 10 to the Lienchow River (*Ford*, *B. C. Henry*), five each to Canton (*Hance*, *Sampson*), Lofoushan (*Ford* chiefly), N. River (*Sampson*, *Ford*), W. River (*Hance*) and Macao (*Vachell*), four to Hoifung (*Dunn's Chinese collector*), and 12 to other parts.

Character of flora.—A visitor landing on the shore of Kwangtung—the only part of the coast of China washed by tropical seas—first notices that the maritime phanerogamic flora is distinctly poor, the only element perhaps of the S. China flora which does not seem remarkably rich to the European visitor. On sandy beaches a close turf usually commences from the high water line varied by patches

of *Spinifex* and *Vitex* or relieved by an occasional tuft of *Crinum*, *Belamcanda* or other sea-side flower. Above this a shrubby belt of Screw-pine often appears with patches of *Caesalpinia*. On muddy shores there is frequently a dwarf mangrove formation formed by small *Rhizophoraceae* and *Aegiceras* in the shallow water. Where salt marshes occur various *Cyperaceae* are predominant as in other parts of the world.

Supposing now that the visitor proceeds across the fields towards the nearest village, it is very probable that waste ground plants will next engage his attention, and the usual tropical weeds of such places including many species of *Desmodium*, *Solanaceae*, *Amaranthaceae*, *Chenopodiaceae*, and adhesive-seeded *Compositae* will be seen. The arable land consists largely of rice fields, which yield a rich flora of water-loving weeds, small *Scrophulariaceae* predominating. The drier vegetable fields become covered, if neglected, with Cruciferous and other annuals, or, in the coastal regions, with introduced weeds such as *Ageratum* and *Oxalis*.

The farms and villages are nearly always surrounded by fine old *Fung-shui* (or 'good luck') trees, mostly Banyan (*Ficus retusa*). There may also be clumps of thorny and other large bamboos.

Passing on now to an examination of the mountain vegetation, it will at once be noticed that, except in the most inaccessible regions, or those carefully protected (such as Hongkong), their surface in the granitic regions presents the appearance from a distance of smooth grassy downs, whose gigantic and varied forms, broken here and there by rock masses, close in the horizon. In the limestone districts more rock and less down is seen, but, even there, the less remote mountains are destitute of all woods. The cause of this is the old, and perhaps excusable, custom that the Chinese have of cutting down all the wild trees, shrubs and grass near their villages for fuel, and of setting fire to the turf in the dry season to extirpate the remnants of arborescent vegetation. The gullies or ravines, being saved from the grass fires by their rocky character and less pronounced dryness during the north-east monsoon, contain a dense vegetation, particularly rich in flowering shrubs and ferns. This vegetation, which extends into the open ground, wherever allowed so to spread, has a constant element throughout the province of beautiful and abundant shrubby species such as *Rhodomyrtus*, *Melastoma*, *Gordonia*, *Gardenia*, *Mussaenda*, and equally common though less conspicuous *Strophanthus*, *Raphiolepis*, *Pittosporum*, *Lespedeza*, *Eurya*, *Zanthoxylum*, *Diospyros*, and shrubby *Euphorbiaceae*, and *Urticaceae*. In the more rocky and damp ravines are found various epiphytic orchids, *Gesneraceae* and herbaceous *Urticaceae*.

Between the gullies, the mountain sides have, as has been said, a general appearance of smooth grass. On closer inspection this is found to consist of numerous different formations of lowly growth. On the highest mountains, where clouds are not infrequent even in the dry season, level plains of fairly close turf (*Ischaemum*, etc.) are found, containing ground orchids, Balsams and mountain *Compositae*. On the middle and lower slopes there is usually an irregular covering of coarse grass associated with patches of Melastomaceous and Ericaceous undershrubs. On these grassy slopes *Hedyotis* species

and *Acanthaceae* abound, and here and there may be seen the great white trumpets of *Lilium longiflorum* or the blue cups of *Platycodon*. Large areas of such exposed slopes are again not infrequently occupied by thickets of dwarf bamboos. Above these slopes, among the rocks and gullies of the higher peaks, *Thalictrum* and other genera typical of more temperate conditions show themselves, while down the torrent sides may be gathered various species of *Utricularia*, *Gesneraceae*, *Drosera*, *Ammannia*, and *Eriocaulon*.

Turning now to the wood flora, much remains to be discovered as to the constituents of the primeval forests which are said to survive in the interior in several parts of the province (see B. C. Henry's *Lingnam* and Cap. Cauquil's *L'Hinterland de Quang-tchéou* in the Rév. de Géogr. lv. 175). Meanwhile our knowledge of the subject depends upon the records of the examination of a few patches of forest preserved by the Chinese around their temples and villages for aesthetic or religious purposes. One such wood on low ground in Hongkong was carefully examined by Lo Quai, an officer of the Botanical and Forestry Department, and the constitution of this wood may be taken as an isolated example of such formations. On an acre were found 31 trees of *Aquilaria grandiflora*, 24 *Sterculia lanceolata*, 18 *Aporosa leptostachya*, the same number of *Poupartia Fordii*, 10 *Antidesma Bunius*, 8 *Nephelium Longana*, 4 *Eugenia Millettiana*, 3 *Garcinia multiflora*, 2 each of *Bischoffia javanica*, *Cinnamomum Burmanni*, and *Ardisia quinquegona*, and single trees of *Litsea sebifera*, *Helicia erratica* and *Ficus chlorocarpa*. The ground in such woods is covered with *Scitamineae*, *Liliaceae*, *Piperaceae*, and various grasses and ferns, while huge lianes climb over the trees and hang in weird festoons into the semi-darkness of the underwood. These lianes comprise various species of *Derris* and *Dalbergia*, besides numerous *Apocynaceae* and *Asclepiadaceae*. On the higher ground the woods are formed of Oak, Holly, Pine, *Symplocos*, *Cordia*, *Ficus* and various *Araliaceae*, *Hamamelidaceae* and *Lauraceae*.

Wood borders and hedges in the province frequently contain subarborescent *Rubiaceae*, *Rhamnaceae*, *Rosaceae*, and *Saxifragaceae* and support the smaller climbers such as various *Cucurbitaceae*, *Convolvulaceae*, *Vitis*, *Smilax* and *Millettia*.

The *general character* of the flora of the province is distinctly tropical, shrubby and arborescent evergreens predominating.

Of the *constituents* of the flora the most important is that which is common to the greater part of South China: a distinguishable element is shared with E. Fokien, Formosa and Japan; another in common with Yunnan and Cochinchina is chiefly Indian, while a smaller constituent is Malayan and Australian.

It is probable that many of the districts of the province contain a considerable endemic element in their vegetation. The small island of Hongkong, for instance, has quite a large number of species unrepresented in the neighbouring parts of China and about 100 that are actually endemic.* The same character has been noticed to a smaller degree in other parts of the province. It is possible that the drastic climatic conditions, so largely modified by peculiar local

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* Tutcher in *Journ. Linn. Soc.* xxxviii (1904) 58.

circumstances, may have given rise to a system of areas, to some extent botanically isolated, and each with an element of peculiar forms adapted to its phenomena. Thus north-east and south-west aspects, even on the same mountain, support markedly different floras, that of the latter being far less luxuriant. It can hardly be doubted that this differentiation is connected with the monsoons which blow from the two quarters indicated for nearly half the year each, with such marked influence on all vegetation. It has not, however, been explained to the satisfaction of those who are familiar with the effect why the monsoons produce it.

It is again unnecessary to dwell on the rigorous selection that must have occurred during past ages among the coastal ranges of those forms which were adapted to survive typhoons. But it is only intended here to indicate some of the ecological problems which await students in this province, at present facts are not available for their full consideration nor would this be the opportunity to discuss them.

Plan of the flora.—For the reasons given in the preface, the descriptive part of the Flora has been reduced to the smallest limits compatible with the object of enabling the collector to determine his plants. The following were deemed sufficient for this purpose. 1. A key to the Natural Orders. 2. A key to the genera of each Natural Order. 3. A key to the species of each genus, taken in the order of the *Genera Plantarum.* 4. An enumeration of the species. The latter comprises (a) the Latin name, following in practically all cases, the nomenclature of the *Index Kewensis*, (b) the most accessible good description known, (c) the habitat and localities, (d) the colour of the flower where necessary, (e) the month of flowering.

Summary of desiderata.—From the foregoing pages may now be selected the principal work which remains to be undertaken to advance our knowledge of the flora.

1. The examination of herbaria containing Chinese plants and the extraction and publication of new Kwangtung records.

2. The exploration of the districts indicated on the map as unknown and the record of their flora and botanical features.

3. The further investigation of the more accessible parts.

4. The location of doubtful sites of old collections.

5. The supply of habitats, colours of flowers and time of flowering, where missing.

6. The compilation of a Flora dealing with the Mosses, Algae, Fungi and other classes of vegetation not dealt with in this volume.

KEY TO THE FLORA OF KWANGTUNG.

FLOWERING PLANTS.

Key to the Natural Orders.

1.	Tree or shrub	2.
	Herb	3.
2.	Stem with bark	8.
	Stem without separate bark ...	230 (p. 24).
3.	Leaves net-veined or divided or opposite or none or the flower 4-, 5- or 8-merous	4.
	Leaves parallel-veined, simple and alternate or radical	234 (p. 24).
4.	Leaves present	6.
	Leaves none (see also *Psilotum*, p.).	5.
5.	Plant rushlike or ovary inferior ...	241 (p. 24).
	Plant not rushlike, ovary superior	8.
6.	Flowers closely packed upon a spike (spadix) enclosed in a spathe	*Araceae* (p. 287).
	Flowers otherwise arranged ...	7.
7.	Tendril climbers with flowers 3-merous umbellate	*Liliaceae* (p. 277).
	Not tendril climbers or, if so, flowers not 3-merous in umbels	8.
8.	Petals separate from each other...	9.
	Petals united at the base or none	120 (p. 17).
9.	Flowers regular, or nearly so ...	10.
	Flowers irregular	116 (p. 17).
10.	Carpels several, separate or nearly so	13.
	Pistil of one carpel or several united	11.
11.	Pistil of one carpel with one unilateral or basal placenta and one style	13.
	Pistil of several united carpels ...	12.
12.	Stamens indefinite	25.
	Stamens definite	41.
13.	Stamens indefinite	14.
	Stamens definite	19.
14.	Stamens distinctly perigynous ...	*Rosaceae* (p. 92).
	Stamens hypogynous	15.
15.	Carpels one	16.
	Carpels several	17.

16. Sepals and petals 4 or 5, small, valvate ; leaves compound ... *Leguminosae* (p. 70).

Sepals 3 to 5, imbricate ; leaves simple ... ... *Dilleniaceae* (p. 27).

17. Sepals 5, valvate ; petals 0 ; climber with opposite leaves ... *Ranunculaceae* (p. 25).

Sepals 3 ... ... 18.

18. Petals 6–12, imbricate in series of 3, glabrous ... ... *Magnoliaceae* (p. 27).

Petals in 1 or 2 series of 3 each, all valvate or tomentose ... *Anonaceae* (p. 29).

19. Stamens hypogynous ... ... 20.

Stamens perigynous or superior ... 94 (p. 16).

20. Stamens equal in number to and opposite the petals (alternate with sepals when petals are wanting) ... ... 21.

Stamens twice the petals, or, if equal in number, alternate with them ... ... 22.

21. Carpels 1–3, uniovulate, leaves simple ... ... *Menispermaceae* (p. 30).

Carpels 1–3, 2 or more ovules in each ... ... *Berberidaceae* (p. 32).

22. Stamens 4 or 5 ... ... *Simarubaceae* (p. 57).

Stamens 8 or 10 ... ... 23.

23. Carpels in each flower, several ... 24.

Carpels solitary ... ... *Leguminosae* (p. 70).

24. Shrub ... ... *Connaraceae* (p. 70).

Herb ... ... *Crassulaceae* (p. 99).

25. Stamens hypogynous ... ... 26.

Stamens perigynous or superior ... 88.

26. Leaves opposite ... ... 27.

Leaves alternate ... ... 28.

27. Sepals and petals 5 each ; fruit a capsule ... ... *Hypericaceae* (p. 41).

Sepals 4 ; petals 4 or more ; fruit a drupe ... ... *Guttiferae* (p. 42).

28. Placentas parietal ; ovary 1-celled 29.

Ovary 2- or more-celled ; ovules in the axis ... ... 31.

29. Sepals 2 ; petals 4, large ; prickly herb ... ... *Papaveraceae* (p. 33).

Sepals 4 or more ... ... 30.

30. Ovary stipitate or oblong ... *Capparidaceae* (p. 35).

Fruit a sessile globular berry ... *Bixaceae* (p. 37).

31. Stamens united in a column or tube round the style or polyadelphous ... ... 32.

Stamens free or united in a ring at the base ... ... 34.

32.	Anthers on distinct filaments ...	33.
	Anthers crowded in a terminal head	*Sterculiaceae* (p. 49).
33.	Anthers 1-celled	*Malvaceae* (p. 46).
	Anthers 2-celled	*Sterculiaceae* (p. 49).
34.	Sepals 2	*Portulacaceae* (p. 41).
	Sepals 3 to 5	35.
35.	Sepals valvate	36.
	Sepals imbricate	38.
36.	Flowers unisexual	*Euphorbiaceae* (p. 230).
	Flowers hermaphrodite or polygamous	37.
37.	Style single	*Tiliaceae* (p. 50).
	Styles several	*Ternstroemiaceae* (p. 42).
38.	Leaves dotted ; prickly shrub ...	*Rutaceae* (p. 54).
	Leaves not dotted ; tree or shrub without prickles or fruit only prickly	39.
39.	Fruit prickly	*Tiliaceae* (p. 50).
	Fruit unarmed	40.
40.	Petals free or shortly united at the base ; flowers hermaphrodite or polygamous ...	*Ternstroemiaceae* (p. 42).
	Petals united in a tube at the base ; flowers always unisexual ...	*Ebenaceae* (p. 161).
41.	Stamens hypogynous	42.
	Stamens perigynous or superior ...	94 (p. 16).
42.	Water plant	43.
	Land plant	44.
43.	Plant with very large floating leaves	*Nymphaeaceae* (p. 33).
	Plant with leaves submerged and pinnate	*Haloraginaceae* (p. 102).
44.	Leaves opposite	45.
	Leaves alternate	50.
45.	Herb	46.
	Woody plant	48.
46.	Leaves quite entire	*Caryophyllaceae* (p. 39).
	Leaves serrate or dissected ...	47.
47.	Leaves serrate	*Elatinaceae* (p. 41).
	Leaves dissected	*Geraniaceae* (p. 53).
48.	Woody climber	56.
	Tree or shrub	49.
49.	Ovary 2–3-celled ; leaves not dotted	*Sapindaceae* (p. 66).
	Ovary 4–5-celled ; leaves dotted	*Rutaceae* (p. 54).
50.	Leaves simple	51.
	Leaves compound...	74.
51.	Stamens free	52.
	Stamens variously united ...	54,
52.	Stamens equal in number to petals or perianth lobes	62.
	Stamens more or less than petals	53.

53. Stamens double petals in number ... 55.
Stamens not corresponding in number with petals ... ... 72.
54. Stamens monadelphous; calyx valvate ... ... *Sterculiaceae* (p. 49).
Stamens diadelphous ... ... *Papaveraceae* (p. 33).
55. Flowers unisexual ... ... *Euphorbiaceae* (p. 230).
Flowers hermaphrodite ... ... 57.
56. Calyx with a gland outside; leaves simple; flowers hermaphrodite *Malphigiaceae* (p. 53).
Flowers dioecious... ... ... *Olacaceae* (p. 58).
57. Herb ... ... *Crassulaceae* (p. 99).
Tree or shrub ... ... 58.
58. Sepals 4, valvate ... ... *Tiliaceae* (p. 50).
Sepals united ... ... 59.
59. Calyx 4- or 5-cleft ... ... 60.
Calyx truncate, scarcely toothed: pubescence mealy ... ... *Styracaceae* (p. 162).
60. Leaves dotted ... ... *Rutaceae* (p. 54).
Leaves not dotted ... ... 61.
61. Stamens opening by pores ... *Ericaceae* (p. 154).
Stamens opening longitudinally ... *Anacardiaceae* (p. 68).
62. Stamens opposite the petals or perianth segments ... ... 63.
Stamens alternate with the petals 67.
63. Petals very small, concave or hood-shaped ... ... *Rhamnaceae* (p. 62).
Petals longer than sepals... ... 64.
64. Petals alternate with sepals ... 65.
Petals opposite to sepals ... ... *Sabiaceae* (p. 68).
65. Petals valvate; ovary 2- to 6-celled ... ... *Verbenaceae* (p. 201).
Petals imbricate; ovary 1-celled 66.
66. Venation palmate... ... ... 238 (p. 24).
Venation not palmate ... ... *Myrsinaceae* (p. 157).
67. Stamens inserted between petals... 68.
Stamens slightly perigynous or adhering to the petals ... 70.
68. Leaves scale-like ... ... *Tamarixaceae* (p. 41).
Leaves expanded ... ... 69.
69. Petals erect, clawed; ovary incompletely 2- 3-celled; shrub *Pittosporaceae* (p. 37).
Petals spreading; ovary 1-celled, with parietal placentas; herb *Droseraceae* (p. 100).
70. Stamens inserted on a broad fleshy disk ... ... *Celastraceae* (p. 60).
Stamens adhering to the base of the petals ... ... 71.
71. Ovary 5-celled, with 2 ovules in each cell ... ... *Ternstroemiaceae* (p. 42).
Ovary 4-celled, with 1 ovule in each cell ... ... *Aquifoliaceae* (p. 59).

72.	Stamens 3 or 6	73.
	Stamens 2 ; petals 4 ; tree ...	*Oleaceae* (p. 165).
73.	Stamens 6 ; petals 4 ; herb ...	*Cruciferae* (p. 33).
	Stamens 3 ; petals 5 ; woody climber	*Celastraceae* (p. 60).
74.	Herb	75.
	Tree, shrub, or tall climber ...	77.
75.	Sepals 4 ; petals 4 ; stamens 8 (rarely more)	76.
	Sepals 5 ; petals 5 ; stamens 10...	*Geraniaceae* (p. 53).
76.	Pod linear, 2-valved	*Capparidaceae* (p. 35).
	Pod inflated, 3-cornered, 3-valved	*Sapindaceae* (p. 66).
77.	Stamens as many as petals ...	78.
	Stamens double the number of petals	82.
78.	Stamens opposite the petals ; climber	*Ampelidaceae* (p. 64).
	Stamens alternate with the petals ; tree or shrub	79.
79.	Ovary 1-celled, with 1 ovule ...	*Anacardiaceae* (p. 68).
	Ovary cells or carpels 4 or 5 ...	80.
80.	Leaves dotted	*Rutaceae* (p. 54).
	Leaves not dotted	81.
81.	Ovary cells 1-ovulate ; stamens free	*Simarubaceae* (p. 57).
	Ovary cells 2-many-ovulate ; stamens united in a tube ...	*Meliaceae* (p. 57).
82.	Stamens inserted within an annular disk ; leaves not dotted ...	*Anacardiaceae* (p. 68).
	Disk within the stamens or none	83.
83.	Leaves dotted ; ovules 1 or 2 in each cell of the ovary ...	*Rutaceae* (p. 54).
	Leaves not dotted	84.
84.	Ovules 1 in each cell of ovary ; stamens free	86.
	Ovules 2 or more in each cell of ovary or stamens in tube ...	85.
85.	Petals 3	*Burseraceae* (p. 57).
	Petals 5	87.
86.	Ovary 5-parted	*Simarubaceae* (p. 57).
	Ovary entire	*Anacardiaceae* (p. 68).
87.	Berry angular	*Geraniaceae* (p. 53).
	Fruit rounded	*Meliaceae* (p. 57).
88.	Stems very fleshy and spinose ...	*Cactaceae* (p. 114).
	Stems not so	89.
89.	Leaves alternate	90.
	Leaves opposite	92.
90.	Flowers hermaphrodite ; calyx-lobes and petals 5 or rarely 4	91.
	Flowers unisexual ; sepals 2 or 3 ; petals 2 to 5 ; fruit 3-winged	*Begoniaceae* (p. 113).

91. Stamens attached to the base of the petals ... ... *Styracaceae* (p. 162).
Stamens free from the petals, inserted with them on the calyx ... ... *Rosaceae* (p. 92).
92. Ovary inferior ... ... 93.
Ovary free, but enclosed in the calyx tube ... ... *Lythraceae* (p. 108).
93. Calyx segments linear, valvate; petals cut ... ... *Rhizophoraceae* (p. 102).
Calyx lobes imbricate or very small; petals entire ... ... *Myrtaceae* (p. 104).
94. Leaves alternate ... ... 95.
Leaves opposite ... ... 108.
95. Climber, with tendrils ... ... 96.
Tree, shrub, or herb, without tendrils ... ... 97.
96. Flowers hermaphrodite; ovary stalked ... ... *Passifloraceae* (p. 110).
Flowers unisexual; ovary inferior *Cucurbitaceae* (p. 111).
97. Ovary 1-celled at least at the base 98.
Ovary 2- or more-celled ... ... 101.
98. Ovary wholly inferior ... ... *Combretaceae* (p. 103).
Ovary more or less free at top ... 99.
99. Flowers separate, not in compact heads ... ... 100.
Flowers in compact heads resembling a single flower, the colour petals all outside ... *Hamamelidaceae* (p. 100)
100. Petals calyx-like or none ... *Samydaceae* (p. 110).
Petals strap-shaped ... ... *Cornaceae* (p. 120).
101. Ovary inferior ... ... 103.
Ovary superior or semi-superior 102.
102. Ovary 2-celled ... ... *Saxifragaceae* (p. 98).
Ovary 5-celled ... ... *Linaceae* (p. 53).
103. Calyx lobes conspicuous, valvate, 4 or rarely 5 ... ... 104.
Calyx teeth minute or none; ovules 1 in each cell... ... 106.
104. Ovules numerous ... ... *Onagraceae* (p. 109).
Ovules 1 or 2 in each cell ... 104a.
104a. Ovules 2 in each cell ... ... 222 (p. 23).
Ovule 1 in each cell ... ... 105.
105. Herb ... ... *Haloraginaceae* (p. 102).
Shrub ... ... *Hamamelidaceae* (p. 100).
106. Petals 4 or 5, small ... ... 107.
Petals 6 to 10, linear; ovary 2-celled: fruit a 1-seeded drupe ... ... *Cornaceae* (p. 120).
107. Petals 5, small; ovary 2-celled; fruit dry ... ... *Umbelliferae* (p. 115).
Petals 4 or 5, small; ovary 2- or more-celled; fruit a berry ... *Araliaceae* (p. 118).

108.	Petals imbricate or contorted ...	109.
	Petals valvate	114.
109.	Ovules, 1 in each cell ; herb ...	*Haloraginaceae* (p. 102).
	Ovules 2 or more in each cell ...	110.
110.	Ovules 2 in each cell	111.
	Ovules 3 or more in each cell ...	112.
111.	Fruit a capsule or drupe	111a.
	Fruit a 1-seeded berry	*Rhizophoraceae* (p. 102).
111a.	Veins of leaves palmate	238 (p. 24).
	Veins not palmate	*Celastraceae* (p. 60).
112.	Anthers small, opening longitudinally	113.
	Anthers opening by 1 or 2 pores at the top	*Melastomaceae* (p. 104).
113.	Leaves dotted, heath-like ...	*Myrtaceae* (p. 104).
	Leaves not heath-like	*Lythraceae* (p. 108).
114.	Stamens alternate with the petals	115.
	Stamens opposite to or on the petals	*Loranthaceae* (p. 228).
115.	Ovary 3-6-celled	*Saxifragaceae* (p. 98).
	Ovary 1-2-celled	*Cornaceae* (p. 120).
116.	Flowers spurred	117.
	Flowers not spurred ; stamens 10 or fewer ; anthers free ; the filaments often united ...	119.
117.	Anthers 5, united round the pistil	118.
	Stamens indefinite	*Ranunculaceae* (p. 25).
118.	Sepals 5, herbaceous ; petals 5, spreading, one spurred ...	*Violaceae* (p. 36).
	Sepals 3, 2 outside, one larger within, hooded and spurred ; petals, one outer entire, 2 inner ones lobed	*Geraniaceae* (p. 53).
119.	Petals 3, small, erect ; stamens 8 in 2 clusters ; ovary 1-2-celled with 1 ovule in each cell	*Polygalaceae* (p. 37).
	Petals papilionaceous or spreading ; stamens 10 (usually) ; ovary 1-celled, with 1, 2 or more ovules	*Leguminosae* (p. 70).
120.	Petals present	121.
	Petals wanting	215 (p. 22).
121.	Ovary inferior	122.
	Ovary superior	138.
122.	Anthers united in a tube round the style	136.
	Anthers free	123.
123.	Fruit and seeds winged	*Dioscoreaceae* (p. 276).
	Fruit or seed wingless	124.
124.	Stamens fewer than corolla-lobes	124a.
	Stamens equal to or exceeding the corolla lobes in number ...	125.

124a. Climber ... ... *Cucurbitaceae* (p. 111).
Erect herb... ... ... *Valerianaceae* (p. 135).

125. Stamens indefinite ... ... *Portulacaceae* (p. 41).
Stamens not more than twice as numerous as the petals ... 126.

126. Stamens twice the number of the corolla lobes or teeth... ... 127.
Stamens the same number as the lobes ... ... 128.

127. Corolla shortly toothed, anthers opening by pores ... ... *Vacciniaceae* (p. 153).
Corolla deeply toothed, anthers opening longitudinally ... *Styracaceae* (p. 162).

128. Stamens opposite corolla lobes ... 129.
Stamens alternate with the lobes 130.

129. Parasitic shrub; corolla 4-lobed *Loranthaceae* (p. 228).
Non-parasitic shrub or tree; corolla small 5-lobed ... ... *Myrsinaceae* (p. 157).

130. Leaves opposite or whorled ... 131.
Leaves alternate ... ... 133.

131. Leaves stipulate ... ... *Rubiaceae* (p. 123).
Leaves exstipulate ... ... 132.

132. Shrub ... ... *Caprifoliaceae* (p. 121).
Herb ... ... *Valerianaceae* (p. 135).

133. Corolla irregular ... ... *Goodeniaceae* (p. 151).
Corolla regular ... ... 133a.

133a. Tendril climber ... ... *Cucurbitaceae* (p. 111).
Not a tendril climber ... ... 134.

134. Shrub or tree ... ... 135.
Herb; capsule many-seeded ... *Campanulaceae* (p. 151).

135. Leaves oblique at base ... ... *Cornaceae* (p. 120).
Leaves symmetrical ... ... *Olacaceae* (p. 58).

136. Flower compound, *i.e.*, florets in compact heads with a common involucre without separate calyces ... ... *Compositae* (p. 135).
Flowers distinct irregular ... 137.

137. Stamens 2, connate with the style *Stylidiaceae* (p. 151).
Stamens 5, filaments free from style ... ... *Campanulaceae* (p. 151).

138. Stamens equalling or exceeding in number the corolla lobes ... 139.
Stamens fewer than the corolla lobes ... ... 171.

139. Stamens indefinite ... ... 26 (p. 12).
Stamens definite ... ... 140.

140. Stamens twice the number of the corolla lobes ... ... 141.
Stamens equal in number to the corolla lobes ... ... 142.

141.	Shrub or tree; leaves alternate; anthers opening in terminal pores	*Ericaceae* (p. 154).
	Herb; leaves opposite, succulent; anthers opening longitudinally	*Crassulaceae* (p. 99).
142.	Stamens hypogynous	143.
	Stamens inserted in the tube ...	144.
143.	Herb with radical leaves... ...	*Plumbaginaceae* (p. 155).
	Shrub; leaves alternate	*Ericaceae* (p. 154).
144.	Stamens opposite the corolla lobes	145.
	Stamens alternate with corolla lobes	148.
145.	Ovary 1-celled, with a free central placenta	146.
	Ovary 2- 10-celled	*Sapotaceae* (p. 160).
146.	Herb; fruit capsular or dry ...	147.
	Shrub or tree; fruit succulent, indehiscent	*Myrsinaceae* (p. 157).
147.	Styles 5	*Plumbaginaceae* (p. 155).
	Style 1	*Primulaceae* (p. 156).
148.	Leaves opposite or whorled ...	149.
	Leaves alternate, radical or none	159.
149.	Ovary 4-lobed, with one ovule in each lobe	*Labiatae* (p. 205).
	Ovary not 4-lobed	150.
150.	Ovary 1-celled or partially 2-celled, the placentas not meeting in the axis	151.
	Ovary 2-celled, or of 2 carpels with 1 or more ovules in each ...	153.
151.	Tall climbers; flowers 4- or 5-merous	152.
	Bitter herb; leaves opposite; flowers 4-merous	*Gentianaceae* (p. 174).
152.	Flowers dioecious...	*Olacaceae* (p. 58).
	Flowers hermaphrodite	*Apocynaceae* (p. 167).
153.	Stamens united in a mass round the pistil	*Asclepiadaceae* (p. 169).
	Stamens, or at least their filaments, distinct	154.
154.	Carpels 2, distinct	155.
	Carpels 2, united	156.
155.	Pollen in granular masses ...	*Asclepiadaceae* (p. 169).
	Pollen normal	*Apocynaceae* (p. 167).
156.	Stigma thickened, conical ...	*Apocynaceae* (p. 167).
	Stigma capitate or lobed... ...	157.
157.	Ovary 2-celled, leaves connected by stipular line	158.
	Ovary, 1-celled, leaves not so joined	*Gentianaceae* (p. 174).
158.	Corolla tubular	*Loganiaceae* (p. 173).
	Corolla rotate	*Scrophulariaceae* (p. 184).

159.	Several ovules in each cell of the ovary	160.
	One or two ovules in each cell or carpel of the ovary	162.
160.	Corolla scarious and transparent...	*Plantaginaceae* (p. 212).
	Corolla not scarious	161.
161.	Style one	*Solanaceae* (p. 182).
	Styles two	*Hydrophyllaceae* (p. 176).
162.	Ovary of two distinct carpels, with a common style	163.
	Ovary 2--5-celled	164.
163.	Shrub ; two ovules in each carpel	*Apocynaceae* (p. 167).
	Herb ; one ovule in each carpel ...	*Convolvulaceae* (p. 178).
164.	Ovary 4- or 5-celled	165.
	Ovary 2- or 3-celled, with 2 erect ovules in each cell	168.
165.	Ovary 5-celled, with 2 pendulous ovules in each	*Ternstroemiaceae* (p. 42).
	Ovary 4-celled	166.
166.	1 erect ovule in each cell ...	168.
	1 pendulous ovule in each cell ...	167.
167.	Tree	*Aquifoliaceae* (p. 59).
	Climbing shrub	*Boraginaceae* (p. 176).
168.	Tree ; fruit a berry	*Boraginaceae* (p. 176).
	Herb or climber	169.
169.	Herb ; fruit of 4 1-seeded, or 2, 2-seeded nuts	*Boraginaceae* (p. 176).
	Herb or climber ; fruit a capsule or berry	170.
170.	Flowers in long scorpioid cymes	*Boraginaceae* (p. 176).
	Flowers not in scorpioid cymes ...	*Convolvulaceae* (p. 178).
171.	Stamens 2 ; corolla regular with 4 or more lobes ; tree or shrub	*Oleaceae* (p. 165).
	Stamens 2 or 4 ; corolla more or less irregular	172.
172.	Ovary 4-lobed, with 1 ovule in each lobe	173.
	Ovary entire, 1- 5-celled	175.
173.	Ovary deeply lobed	*Labiatae* (p. 205).
	Ovary slightly lobed	174.
174.	Herb	*Labiatae* (p. 205).
	Shrub or tree	*Verbenaceae* (p. 201).
175.	Ovary 1- 2-celled	176.
	Ovary 3- or more-celled	182.
176.	Ovary 1-celled	177.
	Ovary 2-celled	179.
177.	Placenta 1, central ; corolla spurred	*Lentibulariaceae* (p. 191).
	Placentas 2, parietal	178.
178.	Leafless root parasite	*Orobanchaceae* (p. 191).
	Leaves opposite or radical ...	*Gesneraceae* (p. 192).

179.	2 collateral ovules in each cell ...	*Verbenaceae* (p. 201).
	2 superposed or many ovules in each cell	180.
180.	Seeds attached to hooked or cupshaped retinacula... ...	*Acanthaceae* (p. 196).
	Seeds without retinacula... ...	181.
181.	Tree with compound leaves or, if simple, then capsule linear ...	*Bignoniaceae* (p. 195).
	Herb; or if tree, leaves simple and fruit ovoid	*Scrophulariaceae* (p. 184).
182.	Ovary 4-celled	183.
	Ovary 5-celled	*Myoporaceae* (p. 200).
183.	Cells 1-ovuled	*Verbenaceae* (p. 201).
	Cells many-ovuled	*Pedalinaceae* (p. 196).
184.	Pistil apocarpous; stamens more than twice the perianth segments	7 (p. 11).
	Pistil syncarpous; stamens not more than twice segments ...	185.
185.	Anthers opening in valves turned upwards; trees, shrubs, or rarely leafless twiners ...	*Lauraceae* (p. 222).
	Anthers opening longitudinally ...	186.
186.	Leaves present	187.
	Leaves wanting	230 (p. 24).
187.	Tree with pinnate leaves	188.
	Leaves not pinnate	190.
188.	Flowers hermaphrodite; fruit succulent	*Sapindaceae* (p. 66).
	Fruit dry, winged...	189.
189.	Flowers unisexual; fruit small, on a large thin 3-lobed bract ...	*Juglandaceae* (p. 250).
	Fruit with one terminal wing ...	*Oleaceae* (p. 165).
190.	Leaves pitcher-shaped	*Nepenthaceae* (p. 219).
	Leaves not pitcher-shaped ...	191.
191.	Flowers wholly or partially hermaphrodite	192.
	Flowers wholly unisexual ...	212.
192.	Perianth wanting	193.
	Perianth present	194.
193.	Anthers 1 or 3, on the top of the ovary; shrub; leaves opposite; spikes without bracts ...	*Chloranthaceae* (p. 221).
	Stamens 2-8 at base of ovary; herb	*Piperaceae* (p. 220).
194.	Perianth superior	195.
	Perianth inferior	201.
195.	Perianth regular	196.
	Perianth irregular	*Aristolochiaceae* (p. 219).
196.	Perianth contracted above ovary	197.
	Perianth not contracted above ovary	199.

197.	Perianth 3- or 4-lobed	198.
	Perianth 5-lobed	*Nyctaginaceae* (p. 213).
198.	Perianth 3-lobed	*Aristolochiaceae* (p. 219).
	Perianth 4-lobed	*Elaeagnaceae* (p. 228).
199.	Perianth 5-cleft or 5-toothed, thin	200.
	Perianth 3-5 cleft, fleshy... ...	*Ficoideae* (p. 114).
200.	Tree	*Hamamelidaceae* (p. 100).
	Herb	*Santalaceae* (p. 229).
201.	Ovary enclosed in the persistent perianth tube	197.
	Ovary free	202
202.	Herb or somewhat shrubby, but then with sheathing stipules or with scarious perianth ...	203.
	Tree or shrub without sheathing stipules and perianth not scarious	206.
203.	Stipules sheathing or annular ...	*Polygonaceae* (p. 215).
	Stipules none or scarious ...	204.
204.	Ovary 3-5-locular	*Ficoideae* (p. 114).
	Ovary 1-celled, with 1 or rarely few ovules	205.
205.	Perianth segments herbaceous, usually obtuse	*Chenopodiaceae* (p. 214).
	Perianth segments usually scarious or acute	*Amarantaceae* (p. 213).
206.	Sepals free	207.
	Perianth 4-5-lobed	209.
207.	Perianth of 4 linear segments, bearing the stamens	*Proteaceae* (p. 226).
	Sepals 3 to 5, free	208.
208.	Ovary 2-lobed at the top ...	*Hamamelidaceae* (p. 100).
	Ovary entire ; fruit 1 seeded ...	*Urticaceae* (p.).
209.	Stamens equal in number to lobes	*Olacaceae* (p. 58).
	Stamens twice lobes	210.
210.	Perianth 4-5-lobed ; stamens without alternating scales ...	211.
	Perianth 5-lobed ; stamens 8, alternating with as many scales ; placentas 3, parietal	*Samydaceae* (p. 110).
211.	Capsule 2-3-winged	*Sapindaceae* (p. 66).
	Capsule wingless	*Thymelaeaceae* (p. 226).
212.	Small aquatic plant	*Haloraginaceae* (p. 102).
	Land plant	213.
213.	Leafless, succulent, root parasite	*Balanophoraceae* (p. 230).
	Leafy plant	214.
214.	Climber, with tendrils	*Cucurbitaceae* (p. 111).
	Tree, shrub, or herb ; perianth herbaceous or none	215.
215.	No ovary ; ovule bare or in an open perianth...	216.
	Ovary 1-3- or more-celled ...	184 (p. 21).

216. Ovule in the females or stamens in the males enclosed in an ovoid perianth ; leaves opposite	*Gnetaceae* (p. 255).
Ovules not in ovoid perianth ...	217.
217. Ovules and seeds in pairs under the scales of a cone, leaves alternate, or clustered and subulate	*Coniferae* (p. 255).
Ovules on the teeth of leaflike organs...	*Cycadaceae* (p. 256).
218. Ovary 1-celled, or if 2-celled with 1 ovule in each cell	219.
Ovary with 2 (many ovuled) or more cells	227.
219. No perianth, at least in the female flower	220.
Perianth herbaceous	223.
220. Female flowers forming a prickly 2-celled burr, with 2 conical pointed styles	*Compositae* (p. 135).
Flowers not forming burrs ...	221.
221. Flowers minute, crowded inside or outside of succulent receptacles	*Urticaceae* (p. 241).
Flower receptacles not fleshy ...	222.
222. Flowers in catkins	*Myricaceae* (p. 251).
Flowers crowded in cylindrical leaf - opposed pedunculate spikes	*Piperaceae* (p. 220).
223. Styles 2	*Hamamelidaceae* (p. 100).
Styles 1	224.
224. Stigmas 3- to 5-lobed ; shrub ...	225.
Style entire or 2-lobed	226.
225. Leaves alternate ; flowers in spikes or catkins	*Euphorbiaceae* (p. 230).
Leaves opposite ; flowers in axilliary clusters	*Santalaceae* (p. 229).
226. Fruit 1-seeded	*Urticaceae* (p.).
Fruit of 2 cells or cocci	*Euphorbiaceae* (p. 230).
227. Ovary 2-celled,with several ovules in each cell ; flowers in globular or ovoid heads ; tree ...	*Hamamelidaceae* (p. 100).
Ovary 3- or more-celled, or if 2-celled, with 2 ovules in each...	228.
228. Ovary 5-lobed ; fruit follicular ; tree with paniculate flowers	*Sterculiaceae* (p. 49).
Ovary entire	229.
229. Ovary usually 3-celled, rarely 2- or several-celled ; fruit dividing into cocci, or baccate ; shrub or tree ; seeds albuminous	*Euphorbiaceae* (p. 230).

229.	Ovary 2-celled; fruit a 1-seeded nut, on a cup or in a capsule-like involucre; tree; no albumen	*Amentaceae* (p. 251).
230.	Tree or erect shrub	231.
	Herb or climber	234.
231.	Stem woody, solid	232.
	Stem hollow	*Gramineae* (p. 307).
232.	Perianth none	*Pandanaceae* (p. 287).
	Perianth segments 6	233.
233.	Leaves plicate or pinnatisect ...	*Palmae* (p. 285).
	Leaves not plicate or pinnatisect	*Liliaceae* (p. 277).
234.	Climber	235.
	Not a climber	240.
235.	Tendrils present	236.
	Tendrils absent	237.
236.	Leaves pinnatisect, parallel-veined	*Palmae* (p. 285).
	Leaves not pinnatisect, net-veined	*Liliaceae* (p. 277).
237.	Flowers not in dense spikes ...	238.
	Flowers in spathes in dense spikes *(spadices)*	*Araceae* (p. 287).
238.	Perianth 4-merous	*Roxburghiaceae* (p. 276).
	Perianth 6-merous	239.
239.	Leaves parallel-veined, falcate ...	*Liliaceae* (p. 277).
	Leaves net-veined, not falcate ...	*Dioscoreaceae* (p. 276).
240.	Leaves parallel-veined, or none ...	241.
	Leaves net-veined	*Araceae* (p. 287).
241.	Ovary superior	242.
	Ovary inferior	253.
242.	Perianth regular or nearly so ...	243.
	Perianth irregular or none ...	249.
243.	Perianth petal- or calyx-like ...	244.
	Perianth petal- and calyx-like ...	248.
244.	Perianth petal-like	245.
	Perianth calyx-like	*Juncaceae* (p. 285).
245.	Perianth of 4 or 6 segments ...	246.
	Perianth of 2 segments	*Philydraceae* (p. 282).
246.	Flowers in dense heads, perianth segments transparent and very small	*Eriocaulonaceae* (p. 291).
	Flowers not in dense heads, and perianth segments not transparent and very small ...	247.
247.	Flowers proceeding from middle of petiole	*Pontederiaceae* (p. 281).
	Flowers not proceeding from middle of petiole	*Liliaceae* (p. 277).
248.	Ovary apocarpous	*Alismaceae* (p. 290).
	Ovary syncarpous	*Commelinaceae* (p. 282).
249.	Perianth of six segments ...	*Xyridaceae* (p. 282).
	Perianth 0	250.
250.	Floating plant	251.
	Non-floating plant	252.

251.	Leaves sheathing or with sheathing stipules	*Naiadaceae* (p. 290).
	Leaves not sheathing nor with sheathing stipules	*Lemnaceae* (p. 290).
252.	Stem solid; leaf sheath not split	*Cyperaceae* (p. 293).
	Stem hollow; leaf sheath split ...	*Gramineae* (p. 307).
253.	Perianth regular, or nearly so ...	257.
	Perianth irregular	259.
254.	Submerged or floating plants ...	*Hydrocharidaceae* (p. 257).
	Plant not submerged nor floating	255.
255.	Ovary 1-celled	256.
	Ovary 3-celled	257.
256.	Stamens 3	*Burmanniaceae* (p. 258).
	Stamens 6	*Taccaceae* (p. 275).
257.	Stamens 3	*Iridaceae* (p. 274).
	Stamens 6	258.
258.	Ovary cells, 2-ovulate	*Haemodoraceae* (p. 273).
	Ovary cells, 1- or many-ovulate ...	*Amaryllidaceae* (p. 274).
259.	Veins of leaves diverging from midrib...	*Scitamineae* (p. 270).
	Veins of leaves parallel to midrib	*Orchidaceae* (p. 258).

DICOTYLEDONES.

RANUNCULACEÆ.

Key to genera.

1.	Climbing plants	2.
	Erect plants	3.
2.	Flowers with capillary staminodes ...	3. *Naravelia.*
	Flowers without staminodes	1. *Clematis.*
3.	Flowers regular	4.
	Flowers irregular	6. *Delphinium.*
4.	Carpels with one ovule	5.
	Carpels with two or more ovules ...	6.
5.	Carpels stalked	2. *Thalictrum.*
	Carpels sessile	4. *Ranunculus.*
6.	Petals small	5. *Coptis.*
	Petals large	7. *Paeonia.*

1.—CLEMATIS.

Key to species.

1.	Leaflets irregularly incise-serrate ...	1. *grata.*
	Leaflets entire	2.
2.	Filaments hairy	2. *caesariata.*
	Filaments glabrous	3.
3.	Filaments much prolonged	3. *filamentosa.*
	Filaments not prolonged beyond anther	4.

4.	Leaves pinnate	6.
	Leaves 1- or 3-foliolate or biternate ...	5.
5.	Leaves 1- or 3-foliolate	8.
	Leaves biternate	4. *parviloba.*
6.	Achenes hairy	7.
	Achenes glabrous	5. *uncinata.*
7.	Leaves blackening on drying	6. *Benthamiana.*
	Leaves green on drying	7. *Stronachii.*
8.	Anthers about $\frac{1}{10}$ of filament	8. *crassifolia.*
	Anthers about $\frac{1}{2}$ or $\frac{2}{3}$ of filament ...	9. *Meyeniana.*

1. **C. grata,** *Wall.;* Hook. f. Fl. Brit. Ind. i. 3. Lienchow River. Fl. cream-coloured, August.
2. **C. caesariata,** *Hance* in Journ. Bot. 1870, 71. Tangha, near Shaochaufu, North River. Fl. tawny-tomentose, December.
3. **C. filamentosa,** *Dunn* in Journ. Bot. 1909, 197. Rocky woods near the coast, Hahang, Hongkong New Territory. Fl. white, January.
4. **C. parviloba,** *Gardn. et Champ.;* Benth. Fl. Hongk. 6. On the north side of the hills, Hongkong. Fl. white, April.
5. **C. uncinata,** *Champ.;* Benth. l.c. On the south side of Mt. Parker, Hongkong; Lofoushan; Lienchow River. Fl. white, August.
6. **C. Benthamiana,** *Hemsl.; C. terniflora,* Benth. l.c. 7. Hoifung; Lienchow River; low hills near Canton. Fl. white, August.
7. **C. Stronachii,** *Hance* in Journ. Bot. 1878, 103. Pakong. Fl. ——, April.
8. **C. crassifolia,** *Benth.* Fl. Hongk. 7. Climbing over trees on north side, Hongkong; Lantao and Taimoshan, Hongkong New Territory. Fl. white, December.
9. **C. Meyeniana,** *Walp.;* Benth. l.c. 6. Common in Hongkong; Taimoshan, Hongkong New Territory; Lofoushan; Lienchow River. Fl. white, June to September.

2.—THALICTRUM.

Key to species.

Leaflets not peltate	1. *clavatum.*
Leaflets distinctly peltate	2. *ichangense.*

1. **T. clavatum,** *DC.* Prodr. i. 11. Lantao, Hongkong New Territory; Phœnix Mountain, near Swatow. Fl. white, April to June.
2. **T. ichangense,** *Lec.* in Hook. Ic. Pl. xviii. (1888), t. 1766. Lienchow River. Fl. white, August.

3.—NARAVELIA.

1. **N. zeylanica,** *DC.* Prodr. i. 10. In dense woods, North River. Fl. ——, September.

4.—RANUNCULUS.

Key to species.

Achenes in oblong heads	1. *sceleratus.*
Achenes in globose heads	2. *pensylvanicus.*

1. **R. sceleratus**, *Linn.*; DC. Prodr. i. 34. In swamps, East Point, Hongkong; Canton. Fl. yellow, March.
2. **R. pensylvanicus**, *Linn.*: DC. l.c. 40. Roadsides, Hongkong; fields near Swatow; near Siukun; White Cloud monastery, Canton. Fl. yellow, April.

5.—COPTIS.

1. **C. Teeta**, *Wall.*; Hook. f. Fl. Brit. Ind. i. 23. East River, Canton. Fl. white.

6.—DELPHINIUM.

Key to species.

Flowers more than one inch long ...	1. *anthriscifolium.*
Flowers about ⅝ inch long	2. *Callerii.*

1. **D. anthriscifolium**, *Hance* in Journ. Bot. 1868, 207. West River; Lamchin. Fl. blue, May.
2. **D. Callerii**, *Franchet* in Bull. Soc. Linn. Paris, 1882, 329. Macao. Fl. blue, May.

7.—PAEONIA.

1. **P. albiflora**, *Pall.*; Bot. Mag. t. 1756. Canton. Fl. white or pink, June.

DILLENIACEAE.

1.—TETRACERA.

1. **T. sarmentosa**, *Vahl*; *Trachytella aspera*, DC. Prodr. i. 70. Woods and hedges, common. Fl. white, June.

CALYCANTHACEAE.

1.—CHIMONANTHUS.

1. **C. fragrans**, *Lindl.* Bot. Reg. t. 451. On the banks of the Han River, Swatow. Fl. white, April.

MAGNOLIACEAE.

Key to genera.

1.	Climber	5. *Kadsura.*
	Erect herb or shrub	2.
2.	Carpels radiating	1. *Illicium.*
	Carpels superposed	3.

3. Flowers yellow ... ... 4. *Michelia.*
   Flowers white ... ... 4.
4. Leaves oblong ... ... 3. *Manglietia.*
   Leaves ovate ... ... 2. *Magnolia.*

1.—ILLICIUM.

Key to species.

1. Carpels 8 ... ... 2.
   Carpels more than 8 ... ... 3.
2. Inner petals ovate ... ... 1. *verum.*
   Inner petals lanceolate ... ... 2. *anisatum.*
3. Leaves narrow, sessile ... ... 3. *Dunnianum.*
   Leaves lanceolate, stalked ... ... 4. *Griffithii.*

1. **I. verum,** *Hook. f.* Bot. Mag. t. 7005. Near Chaochaufu; Pakhoi. Fl. red, April to November.
2. **I. anisatum,** *Lour.* Fl. Cochinch. 353. West of Canton. Fl. ——.
3. **I. Dunnianum,** *Tutcher* in Journ. Linn. Soc. Bot. xxxvii. 62. On the banks of a stream at Samtamlo, Hongkong New Territory. Fl. pink, March.
4. **I. Griffithii,** *Hook. f. et Thoms.*; Fl. Brit. Ind. i. 40. Near the summit of the northern face of Mt. Nicholson, Hongkong. Fl. greenish, January.

2.—MAGNOLIA.

1. **M. pumila,** *Andr.*; Bot. Mag. t. 977. In the Happy Valley and Little Hongkong woods and on the north side of Mt. Victoria, Hongkong; Lantao at 1500 ft.; Macao. Fl. cream-coloured, May.

3.—MANGLIETIA.

1. **M. Fordiana,** *Oliver* in Hook. Ic. Pl. t. 1953. One tree on the Peak Road, Hongkong; Kwaisin, Hoifung. Fl. cream-coloured, May.

4.—MICHELIA.

Key to species.

Petals 1 inch long, yellow ... ... 1. *fuscata.*
Petals 2–3 inches long, white ... ... 2. *Maudiae.*

1. **M. fuscata,** *Blume; Magnolia fuscata,* Andr.; Bot. Mag. t. 1008. On the south-west slope of Mt. Parker, Hongkong; Phœnix Mt., Swatow. Fl. cream-coloured, April.
2. **M. Maudiae,** *Dunn* in Journ. Linn. Soc. Bot. xxxviii. 353. Fungwongshan, Hongkong New Territory. Fl. white, February.

5.—KADSURA.

Key to species.

1.	Peduncle shorter than flower or fruit...	1. *chinensis.*
	Peduncle longer than flower or fruit ...	2.
2.	Leaves acute, entire	2. *Roxburghiana.*
	Leaves accuminate, serrate	3. *japonica.*

1. **K. chinensis,** *Hance* in Benth. Fl. Hongk. 8. Hills on the north side of the island and in Little Hongkong woods, Hongkong. Fl. purple, May.
2. **K. Roxburghiana,** *Arn.*; Hook. f. Fl. Brit. Ind. i. 45. Happy Valley woods, Hongkong; Malum. Fl. red, September.
3. **K. japonica,** *Juss.*; *Uvaria japonica,* Thunb. Fl. Jap. 237. Phoenix Mt., Swatow; North River. Fl. yellow, April.

ANONACEAE.

Key to genera.

1.	Petals imbricate	1. *Uvaria.*
	Petals valvate	2.
2.	Petals free, spreading	3.
	Petals coherent below or throughout...	4.
3.	Petals ½ inch	4. *Polyathia.*
	Petals more than 1 inch, lanceolate ...	3. *Unona.*
4.	Petals coherent below, free above ...	2. *Artabotrys.*
	Inner petals coherent throughout ...	5. *Melodorum.*

1.—UVARIA.

Key to species.

1.	Diameter of flower 1 inch or less ...	3.
	Diameter of flower more than 1½ inches	2.
2.	Diameter of flower 1¾ inches	4.
	Diameter of flower 2½ inches	3. *purpurea.*
3.	Leaves obtuse	4. *synsepala.*
	Leaves acuminate	1. *calamistrata.*
4.	Diameter of flower twice that of androecium	2. *microcarpa.*
	Diameter of flower thrice that of androecium	5. *Hamiltonii.*

1. **U. calamistrata,** *Hance* in Journ. Bot. 1882, 77. Little Hongkong and the Black Mountain, Hongkong; Sanning. Fl. yellow, May.
2. **U. microcarpa,** *Champ.*; Benth. Fl. Hongk. 10. Common in Hongkong; Lantao and foot of Taimoshan, Hongkong New Territory; Sanning. Fl. red, May.
3. **U. purpurea,** *Blume*; Benth. l.c. 9. In the Happy Valley woods and on the Pokfulam Road, Hongkong. Fl. red, May.
4. **U. synsepala,** *Miq.* in Journ. Bot. Néerl. i. 128. Bushy places, Ho-an, Waichau. Fl. ——, Spring.
5. **U. Hamiltonii,** *Hook. f.* Fl. Brit. Ind. i. 48. Hongkong. Fl. purple, May.

2.—ARTABOTRYS.

Key to species.

Petals not contracted	1. *hongkongensis.*
Petals contracted above the base ...	2. *odoratissimus.*

1. **A. hongkongensis**, *Hance; A. Blumei*, Hook. f.; Benth. Fl. Hongk. 10. Happy Valley woods, Hongkong; Lantao. at 1500 ft. Hongkong New Territory. Fl. yellow, May.
2. **A. odoratissimus**, *R. Br.*; Benth. l.c. Near the Buddhist Temple, Causeway Bay, Hongkong; Macao, cultivated. Fl. yellow, May.

3.—UNONA.

1. **U. discolor**, *Vahl;* Benth. Fl. Hongk. 11. Common in Hongkong; Taimoshan, Hongkong New Territory; Tai-iushan near Samshui. Fl. yellow, June.

4.—POLYATHIA.

1. **P. suberosa**, *Benth.*; Hook. f. Fl. Brit. Ind. i. 65. Pakhoi. Fl. red-brown, April.

5.—MELODORUM.

Key to species.

1. Leaves downy below	1. *Oldhami.*
Leaves glabrous	2.
2. Leaves glaucous	2. *glaucescens.*
Leaves brown below	3. *Uonicum.*

1. **M. Oldhami**, *Hemsl.* Enum. Pl. China. i. 27. Mt. Parker south, Hongkong; Lantao, Hongkong New Territory; Phoenix Mountain and Yit-hai, Swatow. Fl. yellow, April.
2. **M. glaucescens**, *Hance* in Journ. Bot. 1881, 112. Victoria Peak, Little Hongkong and Happy Valley woods, Hongkong. Fl. reddish, August.
3. **M. Uonicum**, *Dunn* in Journ. Bot. 1910, 323. Wongneichong-Taitam Road, Hongkong; rocky ravines, Lantao Island, Hongkong New Territory. Fl. yellowish green, April.

MENISPERMACEAE.

Key to genera.

1. Anthers on circumference of disk	4. *Cyclea.*
Anthers distinct, stalked ...	2.
2. Leaves usually peltate; flowers in umbels or heads	5. *Stephania.*
Flowers in panicles or solitary ...	3.
3. Anthers adnate	4.
Anthers terminal globular, 4-lobed, style cylindric	2. *Cocculus.*
4. Style 2-cleft; leaves broadly ovate	3. *Pericampylus.*
Style flat; leaves sagittate ...	1. *Limacia.*

1.—LIMACIA.

Key to species.

1.	Leaves sagittate	1. *sagittata.*
	Leaves lanceolate	2. *cuspidata.*

1. L. sagittata, *Oliver* in Hook. Ic. Pl. t. 1749. On Mt. Parker south and in Little Hongkong woods, Hongkong. Fl. greenish-yellow, April.
2. L. cuspidata, *Hook. f. et Thoms.*; Benth. Fl. Hongk. 12. Happy Valley woods, Pokfulam Conduit and Taitam, Hongkong. Fl. greenish yellow, May.

2.—COCCULUS.

Key to species.

1.	Erect shrub	1. *laurifolius.*
	Climbing plant	2.
2.	Leaves cuneate, obtuse, reticulate ...	2. *cuneatus.*
	Leaves ovate	3.
3.	Leaf-stalk longer than glabrous leaf ...	3. *macrocarpa.*
	Leaf-stalk shorter than downy leaf ...	4. *Thunbergii.*

1. C. laurifolius, *DC.*; Hook. f. Fl. Brit. Ind. i. 101. Lienchow River. Fl. yellow, autumn.
2. C. cuneatus, *Benth.*; *Nephroica cuneifolia*, Miers, Contrib. Bot. iii. 266. Near the White Cloud Hills, Canton. Fl. ——, May.
3. C. macrocarpus, *Wight et Arn.*; Benth. Fl. Hough. 12. Mt. Kellet, Mt. Gough and in the Happy Valley woods, Hongkong; Lantao, Hongkong New Territory. Fl. cream-coloured, June.
4. C. Thunbergii, *DC.*; *C. ovalifolius*, Benth. l.c. 13. Ravines of Mt. Victoria, Hongkong; Lantao and Deep Bay, Hongkong New Territory; Sanning; Hoifung. Fl. yellow, May.

3.—PERICAMPYLUS.

1. P. incanus, *Miers*; Benth. Fl. Hongk. 13. Happy Valley woods and Sukunpo hills, Hongkong; foot of Phoenix Mt., Swatow. Fl. yellow, April.

4.—CYCLEA.

1. C. deltoidea, *Miers*; Benth. Fl. Hongk. 14. North side of Mt. Victoria, Hongkong; Kwangtung without locality. Fl. greenish yellow, August.

5.—STEPHANIA.

1. S. hernandifolia, *Walp.*; Benth. Fl. Hongk. 13. Little Hongkong; Maönshan, Hongkong New Territory; Swatow; Lofoushan. Fl. yellow, April.

BERBERIDACEAE.

Key to genera.

1.	Leaves compound	2.
	Leaves simple	5.
2.	Leaves digitate	3.
	Leaves pinnate...	3. *Berberis.*
3.	Leaflets serrate	4. *Epimedium.*
	Leaflets entire	4.
4.	Stamens monadelphous	1. *Stauntonia.*
	Stamens free	2. *Akebia.*
5.	Leaves peltate	5. *Podophyllum.*
	Leaves not peltate	3. *Berberis.*

1.—STAUNTONIA.

Key to species.

1.	Leaflets 5 or more	2.
	Leaflets 3	1. *elliptica.*
2.	Leaflets rounded at top	2. *obovata.*
	Leaflets acuminate	3.
3.	Leaflets oblong ; stamens long-horned	3. *chinensis.*
	Leaflets ovate ; stamens short-horned...	4. *hexaphylla.*

1. **S. elliptica,** *Hemsl.* in Hook. Ic. Pl. t. 2844. Hill near Chaochaufu, Swatow ; Lienchow River. Fl. green, August.
2. **S. obovata,** *Hemsl.* l. c. t. 2847. On the northern slopes of Mt. Victoria and Mt. Gough, Hongkong ; Taimoshan at 1000 ft., Hongkong New Territory ; hill near Chaochaufu, Swatow. Fl. yellow, February.
3. **S. chinensis,** *DC.* ; Hemsl. l. c. t. 2846. Mt. Parker and Mt. Gough, Hongkong ; Taimoshan, Hongkong New Territory ; Phoenix Mountain, Swatow. Fl. yellow, March.
4. **S. hexaphylla,** *Decne.* ; Sieb. et Zucc. Fl. Jap. i. 148. Mount Parker, Hongkong. Fl. yellow, February.

2.—AKEBIA.

1. **A. lobata,** *Decne.* in Ann. Sc. Nat. sér. 2, xii. 107. Slopes of Phoenix Mountain, Swatow ; Lienchow River. Fl. red, April.

3.—BERBERIS.

Key to species.

Leaves pinnate...	1. *nepalensis.*
Leaves simple	2. *Wallichiana.*

1. **B. nepalensis,** *Spreng.* ; Hook. f. Fl. Brit. Ind. i. 109. Lantao and Taimoshan, Hongkong New Territory ; Yingfa and Shiukwan Rivers. Fl. yellow, April.
2. **B. Wallichiana,** *DC.* ; Hook. f. l. c. 110. Top of Phœnix Mountain, Swatow. Fl. yellow, April.

4.—EPIMEDIUM.

1. **E. sagittatum,** *Baker* in Gard. Chron. (1880) xiii. 683 Lienchow River. Fl. white, March.

5.—PODOPHYLLUM.

1. **P. versipelle,** *Hance* in Journ. Bot. 1883, 362. Lofoushan. Fl. dark red, May.

NYMPHAEACEAE.

1.—EURYALE.

1. **E. ferox,** *Salisb.;* DC. Prodr. i. 114. West River. Fl. violet, August.

PAPAVERACEAE.

Key to genera.

1.	Flowers single, regular	2.
	Flowers racemose, irregular	3. *Corydalis.*
2.	Plant prickly	2. *Argemone.*
	Plant unarmed	1. *Papaver.*

1.—PAPAVER.

1. **P. somniferum,** *Linn.;* DC. Prodr. i. 119. Fallow fields, Swatow. Fl. white, April.

2.—ARGEMONE.

1. **A. mexicana,** *Linn.;* Benth. Fl. Hongk. 15. On roadsides and waste places, Hongkong. Fl. yellow, May.

3.—CORYDALIS.

Key to species.

Flowers yellow	1. *pallida.*
Flowers white and purple	2. *suaveolens.*

1. **C. pallida,** *Pers.;* DC. Prodr. i. 129. North River; river bank near Chaochaufu. Fl. golden yellow, March.
2. **C. suaveolens,** *Hance* in Journ. Bot. 1880, 258. North River. Fl. white and purple, January.

CRUCIFERAE.

Key to genera.

1.	Pods with a conspicuous beak ...	2.
	Beak none or small	3.
2.	Pods ovoid-oblong	4. *Eruca.*
	Pods linear	4.

3. Pods short, globular, oblong or obcordate	5.
Pods linear	8.
4. Pods jointed	8. *Raphanus.*
Pods continuous	3. *Brassica.*
5. Pods obcordate	5. *Capsella.*
Pods globular, didymous or oblong	6.
6. Pods didymous	6. *Senebiera.*
Pods not didymous	7.
7. Pods round, compressed	7. *Lepidium.*
Pods globular or oblong	1. *Nasturtium.*
8. Seeds in 2 rows	1. *Nasturtium.*
Seeds in 1 row	2. *Cardamine.*

1.—NASTURTIUM.

Key to species.

1. Pod globose or oblong	2.
Pod linear	1. *montanum.*
2. Pod globose	2. *globosum.*
Pod oblong	3. *microspermum.*

1. **N. montanum,** *Wall.;* Benth. Fl. Hongk. 16. A common weed in Hongkong; Swatow; Sanning. Fl. yellow, April.
2. **N. globosum,** *Turcz.; N. cantoniense,* Hance in Journ. Bot. 1865, 378. Banks of the West River. Fl. yellow, June.
3. **N. microspermum,** *DC.* Prodr. i. 139. In cultivated fields, Hongkong; Hahang, Hongkong New Territory; near Chaochaufu; Whampoa; Sinchung near Canton. Fl. white, April.

2.—CARDAMINE.

Key to species.

1. Leaves simple	1. *Lamontii.*
Leaves compound...	2.
2. Leaves trifoliolate	2. *paradoxa.*
Leaflets 5 or more	3. *hirsuta.*

1. **C. Lamontii,** *Hance* in Journ. Bot. 1876, 363. In Little Hongkong woods. Fl. white, September.
2. **C. paradoxa,** *Hance,* l. c. 1868, 111. West River near the Cockscomb Rocks. Fl. white, May.
3. **C. hirsuta,** *Linn.;* Benth. Fl. Hongk. 16. In cultivated ground, Hongkong; Chaochaufu. Fl. white, Spring.

3.—BRASSICA.

1. **B. chinensis,** *Linn.;* DC. Prodr. i. 215. Hahang, Hongkong New Territory. Fl. white or yellow, Winter.

4.—ERUCA.

E. sativa, *Lam.;* DC. Prodr. i. 223. Kowloon, Hongkong. Fl. white or yellow.

5.—CAPSELLA.

1. **C. Bursa-pastoris,** *Moench;* Benth. Fl. Hongk. 16. A common weed in Hongkong: Chaochaufu. Fl. white, Winter and Spring.

6.—SENEBIERA.

1. **S. pinnatifida,** *DC.* Prodr. i. 203. In waste places in Hongkong and Kowloon; Swatow. Fl. white, March.

7.—LEPIDIUM.

1. **L. ruderale,** *Linn.;* DC. Prodr. i. 205. Hongkong? Fl. white, May.

8.—RAPHANUS.

1. **R. Raphanistrum,** *Linn.;* DC. Prodr. i. 229. Fields near Swatow. Fl. white, April.

CAPPARIDACEAE.

Key to genera.

1.	Leaves compound	2.
	Leaves simple	2. *Capparis.*
2.	Leaves quinate	1. *Polanisia.*
	Leaves ternate	3. *Crataeva.*

1.—POLANISIA.

1. **P. viscosa,** *DC.* Prodr. i. 242. In waste places in Hongkong; Ngauchiwan and Kowloon City, Hongkong New Territory. Fl. yellow, June.

2.—CAPPARIS.

Key to species.

1.	Flowers solitary axillary	2.
	Flowers panicled or umbelled... ...	3.
2.	Sepals glabrous	1. *membranacea.*
	Sepals tomentose	2. *Swinhoii.*
3.	Flowers panicled	3. *pumila.*
	Flowers umbelled	4. *sepiaria.*

1. **C. membranacea,** *Gard. et Champ.;* Benth. Fl. Hongk. 18. Happy Valley woods, behind the Buddhist Temple Causeway Bay and on Mt. Victoria, Hongkong; Whampoa. Fl. white, April.

2. **C. Swinhoii**, *Hance* in Journ. Bot. 1868, 296. Pakhoi; Paksha, S. point of Kwangtung. Fl. white, November.

3. **C. pumila**, *Champ.;* Benth. Fl. Hongk. 18. Happy Valley woods and behind the Buddhist Temple, Causeway Bay, Hongkong; Yit-hai, Swatow; North River, Canton. Fl. white, September.

4. **C. sepiaria**, *Linn.;* Hook. f. Fl. Brit. Ind. i. 177. Pakhoi. Fl. white, May.

3.—CRATAEVA.

1. **C. religiosa**, *Forst.;* Hook. f. Fl. Brit. Ind. i. 172. Pakhoi. Fl. cream-coloured, April.

VIOLACEAE.

1.—VIOLA.

Key to species.

1.	All leaves and peduncles radical ...	3.
	Some or all flowers from leafy shoots	2.
2.	Plant with primary rosette	4.
	No primary rosette of leaves	1. *verecunda.*
3.	Petiole winged	2. *Patrinii.*
	Petiole wingless	3. *japonica.*
4.	Petiole winged	4. *diffusa.*
	Petiole wingless	5.
5.	Fruit valves flat after dehiscence ...	5. *serpens.*
	Fruit valves rolled together	6. *sylvestris.*

1. **V. verecunda**, *A. Gr.; V. excisa*, Hance in Journ. Bot. 1868, 296. On Taimoshan, Hongkong New Territory; on a wet bank, foot of the White Cloud Mountain, Canton. Fl. violet, April.

2. **V. Patrinii**, *DC.;* Benth. Fl. Hongk. 20. On Victoria Peak Hongkong; Hongkong New Territory; Swatow; Lienchow River; Sanning. Fl. light blue, January to March.

3. **V. japonica**, *Langsd.;* DC. Prodr. i. 295. Canton and Lienchow River. Fl. blue, December.

4. **V. diffusa**, *Ging.;* Benth. Fl. Hongk. 20. Common on the summits of the hills, Hongkong; on Taimoshan and Ma-on-shan, Hongkong New Territory; Phoenix Mountain, Yit-hai and Chaochaufu, Swatow. Fl. white, January to April.

5. **V. serpens**, *Wall.; V. confusa*, Champ.; Benth. l. c. On Mt. Parker and Mt. Victoria, Hongkong; near Swatow; Canton; Pakhoi. Fl. pale blue, March.

6. **V. sylvestris**, *Kit.;* Maxim. in Mél. Biol. ix. 743. Locality? Fl. pale blue, April.

BIXACEAE.

Key to genera.

Flowers hermaphodite ...	... ...	1. *Scolopia.*
Flowers dioecious ...	... ...	2. *Xylosma.*

1.—SCOLOPIA.

1. **S. crenata**, *Clos.; S. chinensis*, Benth. Fl. Hongk. 19. Common in Hongkong; Lantao and Ma-onshan, Hongkong New Territory; Swatow; Hoifung; Ngtungshan, near Hongkong. Fl. white, August.

2.—XYLOSMA.

Key to species.

1.	Leaves 2 inches or more	... ...	2.
	Leaves under 1 inch ...	... ...	1. *senticosum.*
2.	Leaves glabrous below	... ...	2. *racemosum.*
	Leaves pubescent below	... ...	3. *controversum.*

1. **X. senticosum**, *Hance* in Journ. Bot. 1868, 328. Victoria Peak, Hongkong; Swatow. Fl. white, June.
2. **X. racemosum**, *Miq.* in Ann. Mus. Bot. Lugd. Bat. ii. 155. Lienchow River and Canton. Fl. white, August.
3. **X. controversum**, *Clos.;* Hook. f. Fl. Brit. Ind. i. 194. Lienchow River. Fl. white, summer.

PITTOSPORACEAE.

1.—PITTOSPORUM.

Key to species.

1.	Capsule 3-valved	... ...	1. *glabrata.*
	Capsule 2-valved	... ...	2.
2.	Leaves rounded at the top	... ...	2. *Tobira.*
	Leaves acuminate	... ...	3. *pauciflorum.*

1. **P. glabratum**, *Lindl.;* Benth. Fl. Hongk. 19. Common in shady woods in Hongkong; Tintao-ngam, Ma-onshan and Shatin Road, Hongkong New Territory; Phœnix Mountain, Swatow. Fl. cream-coloured, April.
2. **P. Tobira**, *Ait.;* Bot. Mag. t. 1396. Hillside and in a small wood near Swatow. Fl. yellow, April.
3. **P. pauciflorum**, *Hook. et Arn.* Bot. Beech. Voy. 259. Lienchow River. Fl. yellow, April.

POLYGALACEAE.

Key to genera.

1.	Climbing shrub	... ...	3. *Securidaca.*
	Erect shrub or herb	... ...	2.

2. Flowers minute, crowded in terminal spikes	1. *Salomonia.*
Flowers $\frac{1}{10}$–1 inch, in racemes ...	2. *Polygala.*

1.—SALOMONIA.

Key to species.

1. Leaves none	1. *aphylla.*
Leaves present	2.
2. Leaves cordate or orbicular	2. *cantoniensis.*
Leaves oblong	3. *oblongifolia.*

1. **S. aphylla**, *Griff.;* Hook. f. Fl. Brit. Ind. i. 207. Lofoushan. Fl. brown, August.
2. **S. cantoniensis**, *Lour.;* Benth. Fl. Hongk. 44. In marshy fields, Hongkong; Lantao Island, Hongkong New Territory; Whampoa and Lofoushan. Fl. pink, August.
3. **S. oblongifolia**, *DC.;* Benth. l. c. In fields, Hongkong; Hoifung. Fl. pink, September.

2.—POLYGALA.

Key to species.

1. Shrub or tree	2.
Herb sometimes a little woody at base; bracts caducous	3.
2. Flowers 1 inch long, in long drooping racemes	1. *aureocauda.*
Flowers $\frac{1}{2}$ inch long	2. *Wattersii.*
3. Flowers $\frac{1}{10}$ inch	3. *telephioides.*
Flowers $\frac{1}{4}$–$\frac{1}{3}$ inch	4.
4. Racemes or panicles terminal	7. *nimborum.*
Racemes axillary	5.
5. Racemes long, many-flowered... ...	6.
Racemes short, few-flowered	4. *glomerata.*
6. Veins of leaves obsolete	5. *hongkongensis.*
Veins of leaves evident	6. *sibirica.*

1. **P. aureocauda**, *Dunn* in Kew Bull. 1911, 188. Mt. Gough, Mt. Kellet and near the Taitam-Shaukiwan Road, Hongkong; Taimoshan in Hongkong New Territory; Kwaisin, Hoifung. Fl. yellow, August.
2. **P. Wattersii**, *Hance* in Journ. Bot. 1881, 209. Lienchow River. Fl. yellow, April.
3. **P. telephioides**, *Willd.;* Hook. f. Fl. Brit. Ind. i. 205. Little Hongkong; Whampoa and Hoifung. Fl. —, September.
4. **P. glomerata**, *Lour.;* Benth. Fl. Hongk. 44. In open places in the Happy Valley woods, Hongkong; Lienchow River, Lofoushan and Sanning. Fl. pink and green, August.
5. **P. hongkongensis**, *Hemsl.* Enum. Pl. China, i. 60. Wongneichong Gap, Mt. Parker and Victoria Peak, Hongkong. Fl. white ?, April.

6. **P. sibirica,** *Linn.; P. elegans*, Benth. Fl. Hongk. 44. Hongkong; Taimoshan, Hongkong New Territory; Phoenix Mountain, Swatow; North River. Fl. blue, April.

7. **P. nimborum,** *Dunn* sp. n. *P. Latouchei*, Franch. (ut videtur ex descriptione) affinis sed carina cristata foliisque non ciliatis differt.

Suffrutex praeter ramos foliaque omnino glaber, ramis a caule prostrato simplicibus, primo puberulis. *Folia* oblongo-ovata, apice basique acuta, brevissime acuminata, ad 7·5 cm. longa, membranacea, praeter marginem infra adpresse hirsutam glabra, venis 5-6-paribus, ob colore tantum conspicuis, quaque in proximam arcuata; petioli ad 1·5 cm. longi. *Racemi* in summis ramis solitarii vel paniculam formantes, 4-5 cm. longi. *Flores* breviter pedunculati, rubelli, 7 mm. longi. *Sepala* exteriora inaequalia, duo antica suborbicularia obtusa, posticum saccatum. *Alae* deciduae, obovatae; carinae limbus cuculliformis unguiculo brevior; crista sessilis, in filamenta linearia laciniata; petala superiora per tres partes cum carina ope tubi staminalis connata, obtusa, carina brevicra. *Antherae* glabrae, filamentorum parte libera breviores. *Stigmata* inaequalia, superius breve dentiforme, inferius subrotundatum, pendens, vix prominens.

Summit of the Phoenix Mountain at about 5000 feet, Dunn's Han Expedition, 11. 4. 1909, Herb. Hongk. n. 6419. Fl. rose, April.

3.—SECURIDACA.

1. **S. tavoyana,** *Wall.: S. scandens*, Benth. Fl. Hongk. 45. In woods at Little Hongkong, Mt. Parker, Sukunpo and Wongneichong, Hongkong. Fl. pink, August.

CARYOPHYLLACEAE.

Key to genera.

1.	Sepals united into a tube	1. *Dianthus.*
	Sepals free	2.
2.	Styles distinct	3.
	Styles united in a column	5.
3.	Leaves flat	4.
	Leaves subulate	4. *Sagina.*
4.	Sepals entire	3. *Arenaria.*
	Sepals bifid	2. *Stellaria.*
5.	Leaves orbicular	5. *Drymaria.*
	Leaves linear or oblong	5.
6.	Leaves subulate	7. *Polycarpaea.*
	Leaves oblong or spathulate	6. *Polycarpon.*

1.—DIANTHUS.

D. longicalyx, Miq. is not distinguishable from *D. superbus*, L. and *D. Morrisii*, Hance is certainly the cultivated ***D. Caryophyllus***, L.

1. **D. longicalyx**, *Miq.* in Journ. de Bot. Néerl. i. 127. Fookwing, Sanon District near sea.
2. **D. Morrisii**, *Hance* in Hook. Lond. Journ. Bot. vii. 472. Lintin Island.
3. **D. superbus**, *Linn.;* DC. Prodr. i. 365. Grassy places, Lantao, Hongkong New Territory; N. River. Fl. pink, June and July.

2.—STELLARIA.

Key to species.

1.	Styles 5	1. *aquatica.*
	Styles 3	2.
2.	Stem with a line of hairs	2. *media.*
	Stem glabrous, square	3. *uliginosa.*

1. **S. aquatica**, *Scop.;* Benth. Fl. Hongk. 21. In paddy fields and cultivated ground, Hongkong; in paddy fields near Swatow. Fl. white, April.
2. **S. media**, *Cyr.;* Benth. l. c. In cultivated ground, Hongkong; Swatow. Fl. white, April.
3. **S. uliginosa**, *Murr.;* Benth. l. c. 22. In cultivated ground, Hongkong; Taimoshan, Hongkong New Territory. Fl. white, April.

3.—ARENARIA.

1. **A. serpyllifolia**, *Linn.;* DC. Prodr. i. 411. On the bank of the Han River, Swatow. Fl. white, April.

4.—SAGINA.

1. **S. Linnaei**, *Presl.; S. sinensis*, Hance in Journ. Bot. 1868, 46. A weed in the Botanic Gardens, Hongkong. Fl. white, May.

5.—DRYMARIA.

1. **D. cordata**, *Willd.;* Benth. Fl. Hongk. 22. On roadsides at Little Hongkong and Bowen Rd., Hongkong; Kwangtung without locality. Fl. green, October.

6.—POLYCARPON.

1. **P. Loeflingiae**, *Edgew.* in Hook. f. Fl. Brit. Ind. i. 245. Pakhoi and the West River. Fl. white, May.

7.—POLYCARPAEA.

1. **P. corymbosa**, *Lam.;* Benth. Fl. Hongk. 22. Deepwater Bay amongst short grass near the sea; Ngauchiwan and Quarry Isle, Hongkong New Territory. Fl. white, July.

PORTULACACEAE.

1.—PORTULACA.

1. **P. oleracea,** *Linn.;* Benth. Fl. Hongk. 17. A common weed in cultivated ground, Hongkong; hill near Chaochaufu, Swatow. Fl. yellow, April.

TAMARIXACEAE.

1.—TAMARIX.

1. **T. chinensis,** *Lour.;* DC. Prodr. iii. 96. Canton, cultivated. Fl. white, June.

ELATINACEAE.

1.—BERGIA.

Key to species.

Flowers in dense verticils	... ...	1. *ammanioides.*
Flowers solitary, axillary	... ...	2. *glandulosa.*

1. **B. ammanioides,** *Roxb.;* DC. Prodr. i. 390. In an occupied field near Canton. Fl. white, September.
2. **B. glandulosa,** *Turcz.* in Bull. Soc. Nat. Mosc. xxvii. (1854) ii. 371. At Shuikwan (Shaochaufu), North River in dry paddy fields. Fl. white, August.

HYPERICACEAE.

Key to genera.

Tree	... ...	2. *Cratoxylon.*
Shrub or herb	... ...	1. *Hypericum.*

1.—HYPERICUM.

Key to species.

1.	Leaves connate...	... ...	1. *Sampsoni.*
	Leaves distinct...	... ...	2.
2.	Shrub	... ...	2. *chinense.*
	Herb	... ...	3.
3.	Styles 5	... ...	3. *Ascyron.*
	Styles 3	... ...	4.
4.	Leaves with numerous pellucid dots	...	5. *japonicum.*
	Leaves with few small dots	... ...	4. *attenuatum.*

1. **H. Sampsoni,** *Hance* in Journ. Bot. 1865, 378. Lantao, Hongkong New Territory; Swatow; Lukfo, west of Canton. Fl. yellow, May.
2. **H. chinense,** *Linn.;* DC. Prodr. i. 545. Lienchow and North Rivers. Fl. yellow, July.

3. **H. Ascyron**, *Linn.;* DC. Prodr. i. 545. Probably recorded in error.
4. **H. attenuatum**, *Choisy* in DC. Prodr. i. 548. Kwaisin, Hoifung District and Lofoushan. Fl. yellow, September.
5. **H. japonicum**, *Thunb.;* Benth. Fl. Hongk. 23. Common in damp situations, Hongkong; river bank near Choachaufu, Swatow. Fl. yellow, April.

2.—CRATOXYLON.

1. **C. polyanthum**, *Korth.;* Dyer in Hook. f. Fl. Brit. India i. 257. Very abundant in the lower grounds, Hongkong; Lantao, Hongkong New Territory; Macao; Whampoa. Fl pink, May.

GUTTIFERAE.

Key to genera.

Nerves of leaves very close and parallel	2. *Calophyllum.*
Nerves of leaves distant	1. *Garcinia.*

1.—GARCINIA.

Key to species.

Flowers corymbose; stamens in 4 bundles	1. *multiflora.*
Flowers solitary or fascicled; stamens monadelphous	2. *oblongifolia.*

1. **G. multiflora**, *Champ.;* Benth. Fl. Hongk. 25. Little Hongkong woods, Victoria Peak, Bowen Road and Quarry Bay, Hongkong. Fl. yellow, May.
2. **G. oblongifolia**, *Champ.;* Benth. l. c. 25. In Taitam and the Happy Valley woods, Hongkong. Fl. yellow, May.

2.—CALOPHYLLUM.

1. **C. membranaceum**, *Gardn.;* Benth. Fl. Hongk. 25. Mt. Victoria and the Happy Valley woods, Hongkong; Maönshan, Hongkong New Territory; Lanfa, nr. Hoifung. Fl. yellow, May.

TERNSTROEMIACEAE.

Key to genera.

1.	Anthers versatile	2.
	Anthers basifixed	7.
2.	Fruit fleshy	3.
	Fruit dry	4.
3.	Climbing plant	5. *Actinidia.*
	Tree	6. *Saurauja.*
4.	Seeds winged	5.
	Seeds wingless	6.

5.	Capsule spheroidal	7. *Schima.*
	Capsule oblong	8. *Gordonia.*
6.	Capsule dehiscing by valves	9. *Tutcheria.*
	Capsule dehiscing irregularly	10. *Camellia.*
7.	Fruit indehiscent	8.
	Fruit dehiscent	4. *Pentaphylax.*
8.	Pedicels longer than flower	9.
	Pedicels usually shorter than flower ...	3. *Eurya.*
9.	Seeds few, large	1. *Ternstroemia.*
	Seeds many, small	2. *Adinandra.*

1.—TERNSTROEMIA.

1 **T. japonica**, *Thunb.*; Benth. Fl. Hongk. 27. Common in Hongkong on the hills. Fl. pale yellow, May.

2.—ADINANDRA.

1. **A Millettii**, *Benth.*: *Cleyera Millettii*, Hook. et Arn. Bot. Beech. Voy. 171. On hill south of Little Hongkong estuary and on hill north of Aberdeen, Hongkong; Lantao Island, Hong Kong New Territory; on hill near Chaochaufu, Swatow; White Cloud hills, Canton. Fl. white, April.

3.—EURYA.

1.	Leaves completely embracing the stem	7. *amplexifolia.*
	Leaves not amplexicaul	2.
2.	Styles distinct	1. *Macartneyi.*
	Styles united	3.
3.	Fruit silky	2. *distichophylla.*
	Fruit glabrous	4.
4.	Fruit smooth	5.
	Fruit muricate	3. *muricata.*
5.	Leaves oblanceolate, serrate; stems angled	6.
	Leaves oblong, serrulate	4. *symplocina.*
6.	Stem glabrous	5. *japonica.*
	Stem pilose	6. *chinensis.*

1. **E. Macartneyi**, *Champ.*; Benth. Fl. Hongk. 27. On hills on the north side of Hongkong; Taimoshan, Hongkong New Territory. Fl. white, November.
2. **E. distichophylla**, *Hemsl.* Enum. Pl. China, i. 77. On Mt. Parker north, Hongkong; hill near Chaochaufu. Fl. nearly black, November.
3. **E. muricata**, *Dunn* in Journ. Bot. 1910, 324. On Mt. Victoria and Mt. Gough, Hongkong, frequent; Sanning. Fl. white, March.
4. **E. symplocina**, *Blume*; Hook. f. Fl. Brit. Ind. i. 284. Kwaisin, near Hoifung. Fl. ——, October?
5. **E. japonica**, *Thunb.*; Benth. Fl. Hongk. 8. Very common in Hongkong; Hahang and Patsin, Hongkong New Territory; hillsides near Yit-hai, Swatow; White Cloud hills, Canton. Fl. white, November.

6. **E. chinensis,** *R. Br.;* Dyer in Hook. f. Fl. Brit. Ind. i. 285. Happy Valley and Victoria Peak, Hongkong; Swatow. Fl. white, March.

7. **E. amplexifolia,** *Dunn* sp. nov.; a specie Philippina *E. amplexicauli*, S. Moore, quae sola in genere folia similia habet, stylis alte connatis differt.

Frutex mediocris, praeter calyces omnino glaber, ramulis ob foliis anguste decurrentibus bialatis. *Folia* sessilia, lanceolata, acuminata, profunde cordata vel sagittata, ob auriculas obtegentes foliis basi rotundatis perfoliatis similia, 7·5 cm. longa, per totam longitudinem crebre serrulata, coriacea, costa superne impressa, subtus prominente, venis secundariis patentibus frequentibus mox anastomosantibus. *Flores* feminei sessiles, in axillis 3–4-tim fasciculati. *Sepala* rotundata, 2–3 mm. longa, adpresse sericea. *Petala* obovata, sepalis paullo longiora. *Bacca* ovalis, acuminata, 4–6 mm. longa; stylus brevis, apice breviter tripartita.

Summit of the Phoenix Mt. near Swatow at about 5000 feet. Dunn's Han Expedition, Hongk. Herb. n. 5832. Fl. whitish, April.

4.—PENTAPHYLAX.

1. **P. euryoides,** *Gardn. et Champ.;* Benth. Fl. Hongk. 28. Common in the woods and on the hillsides, Hongkong. Fl. white, July.

5.—ACTINIDIA.

Key to species.

1.	Peduncles branched, many-flowered ...	1. *Championii.*
	Peduncles 1–3-flowered	2.
2.	Leaves glabrous	2. *callosa.*
	Leaves woolly beneath	3.
3.	Leaves thickly coriaceous; veins impressed above	5. *pachyphylla.*
	Leaves papery; veins not impressed...	4.
4.	Sepals and leaves oblong	3. *fulvicoma.*
	Sepals and leaves ovate	4. *lanata.*

1. **A. Championi,** *Benth.* Fl. Hongk. 26. Common in the island of Hongkong; Lantao Island, Hongkong New Territory; Hoifung. Fl. orange-coloured, June.
2. **A. callosa,** *Lindl.;* Dyer in Hook. f. Fl. Brit. Ind. i. 286. North River. Fl. white, March.
3. **A. fulvicoma,** *Hance* in Journ. Bot. 1885, 321. Lofoushan. Fl. ——, May.
4. **A. lanata,** *Hemsl.* in Ann. Bot. ix. 146. North-west River; top of Phoenix Mt., Swatow. Fl. white, April.
5. **A. pachyphylla,** *Dunn* in Journ. Linn. Soc. xxxix. 409. Phoenix Mt., near Swatow. Fl. white, May to June.

6.—SAURAUJA.

1. **S. tristyla,** *DC.*; Benth. Fl. Hongk. 27. Near watercourses at Little Hongkong; Lantao, Hongkong New Territory; Hoifung; Swatow; Shuikwan (Shaochaufu) on the North River; Sanning. Fl. pink, August.

7.—SCHIMA.

1. **S. Noronhae,** *Reinw.*; Benth. Fl. Hongk. 29. In the Happy Valley and Little Hongkong woods and on the south face of High West, Hongkong; on the bank of the Han River, Swatow; Lofoushan. Fl. white, May.

8.—GORDONIA.

1. **G. anomala,** *Spreng.*; Benth. Fl. Hongk. 29. Very common on the hills of Hongkong; on the hills near the third mile stone on the Taipo Road, Hongkong New Territory; Hoifung. Fl. white, October.

9.—TUTCHERIA.

Key to species.

Leaves 6 inches long or more... ...	1. *spectabilis.*
Leaves under 5 inches long	2. *microcarpa.*

1. **T. spectabilis,** *Dunn* in Journ. Bot. 1908, 324. In the Happy Valley woods and on Mt. Parker, Hongkong; Lofoushan. Fl. white, May.
2. **T. microcarpa,** *Dunn* in Journ. Bot. 1909, 197. Mt. Nicholson, Hongkong; Lofoushan. Fl. unknown.

10.—CAMELLIA.

Key to species.

1.	Flowers nodding, 1–1½ inches diameter	2.
	Flowers erect, 2–4 inches diameter ...	5.
2.	Stamens glabrous	1. *Thea.*
	Stamens hairy	3.
3.	Sepals acute	2. *salicifolia.*
	Sepals obtuse	4.
4.	Stamens united to ⅞ths. of their length	3. *assimilis.*
	Stamens united to ⅔rds. of their length	4. *caudata.*
5.	Styles united	5. *drupifera.*
	Styles distinct	6.
6.	Flowers red	6. *hongkongensis.*
	Flowers white	7.
7.	Leaves 4–6 inches long; flowers 4 inches in diameter	7. *Crapnelliana.*
	Leaves 2–3 inches long; flowers 3 inches in diameter	8. *Sasanqua.*

1. **C. Thea,** *Link*; *C. theifera*, Dyer in Hook. f. Fl. Brit. Ind. i. 292. Mt. Parker south and east, Hongkong; Kowloon

City Gap, Hongkong New Territory; Lanfa Mt., Hoifung. Probably in all cases cultivated or a relic of cultivation. Fl. white, November.

2. **C. salicifolia**, *Champ.;* Benth. Fl. Hongk. 30. Common in the Happy Valley and Little Hongkong woods. Fl. white, November.

3. **C. assimilis**, *Champ.;* Benth. l. c. 30. On Victoria Peak, Hongkong; on the Taipo Road, Hongkong New Territory. Fl. white, February.

4. **C. caudata**, *Wall.;* Dyer l. c. 293. On Mt. Parker south, Hongkong; North River; Lofoushan; Hoifung. Fl. white, December.

5. **C. drupifera**, *Lour.;* Dyer l. c. 293. At Wongmakok, Hongkong; Hongkong New Territory opposite Cape Collinson; Lofoushan; North and Lienchow Rivers; Fl. white, November.

6. **C. hongkongensis**, *Seem.;* Benth. l. c. 30. In the Happy Valley and Little Hongkong woods, at Taitam, on Mt. Victoria and on Mt. Kellet, Hongkong. Fl. red, January.

7. **C. Crapnelliana**, *Tutcher* in Journ. Linn. Soc. Bot. xxvii. 63. On Mt. Parker south, only one tree, Hongkong. Fl. white, November.

8. **C. Sasanqua**, *Thunb.;* Bot. Mag. t. 5152. Taimoshan and Lantao Island, Hongkong New Territory; North and West Rivers. Fl. white, November.

MALVACEAE.

Key to genera.

1. Carpels united into a capsule	5.
Carpels distinct, separating from the axis	2.
2. Carpels covered with barbed bristles...	5. *Urena.*
Carpels not so clothed	3.
3. Outer bracts of calyx 0	3. *Sida.*
Outer bracts of calyx 1–3	4.
4. Leaves orbicular	1. *Malva.*
Leaves oblong	2. *Malvastrum.*
5. Leaves digitate; tree	7. *Bombax.*
Leaves simple or stems herbaceous ...	6.
6. Staminal column bearing anthers at summit only	4. *Abutilon.*
Staminal column bearing anthers throughout	6. *Hibiscus.*

1.—MALVA.

Key to species.

Flowers nearly sessile	1. *verticillata.*
Flowers shorter than pedicels	2. *sylvestris.*

1. **M. verticillata**, *Linn.;* Masters in Hook. f. Fl. Brit. Ind. i. 320. Roadsides near Causeway Bay, Hongkong. Fl. purple February.

2. **M. sylvestris,** *Linn.*; Masters l. c. Cultivated in Hongkong. Fl. purple, April.

2.—MALVASTRUM.

1. **M. tricuspidatum,** *A. Gray*; Benth. Fl. Hongk. 32. In waste places and roadsides, Hongkong; near Chaochaufu, and on the river bank, Swatow. Fl. pale yellow, April to September.

3.—SIDA.

Key to species.

1.	Under side of leaves glabrous, pubescent or with long hairs ...	2.
	Under side of leaves tomentose ...	4.
2.	Leaves cordate...	1. *humilis.*
	Leaves lanceolate or ovate	3.
3.	Leaves lanceolate with persistent stipules	2. *acuta.*
	Leaves ovate, stipules caducous ...	3. *corylifolia.*
4.	Leaves oblong, white beneath ...	4. *rhombifolia.*
	Leaves orbicular or broadly cordate ...	5.
5.	Leaves small, nearly orbicular ...	5. *fallax.*
	Leaves broadly cordate	6. *cordifolia.*

1. **S. humilis,** *Willd.*; Benth. Fl. Hongk. 32. Happy Valley and in waste places, Hongkong; Swatow; Hoifung. Fl. yellow, October to January.
2. **S. acuta,** *Burm.*; Benth. l. c. 32. On roadsides, Hongkong; Kowloon catchwater and Pengchau Island, Hongkong New Territory; Hoifung. Fl. yellow, October.
3. **S. corylifolia,** *Wall.*; Masters in Hook. f. Fl. Brit. Ind. i. 324. Lantao Island, Hongkong New Territory. Fl. yellow, July.
4. **S. rhombifolia,** *Linn.*; Masters l. c. i. 323. Roadsides at Victoria Peak, Mt. Gough and Cape d'Aguilar, Hongkong. Fl. yellow, August to December.
5. **S. fallax,** *Walp.*; Benth. Fl. Hongk. 33. Hongkong without locality. Liu-ng, Swatow; Hoifung; Pakhoi. Fl. yellow, April.
6. **S. cordifolia,** *Linn.*; Benth. l. c. 33. East Point, Hongkong; Yaumati, mainland opposite Hongkong. Fl. yellow, August.

4.—ABUTILON.

1. **A. indicum,** *Don*; Benth. Fl. Hongk. 33. East Point on the roadside, and Stonecutters' Island, Hongkong; Plovers' Cove and Lantao, Hongkong New Territory; Pakhoi. Fl. yellow, July to December.

5.—URENA.

Key to species.

Leaves orbicular toothed or broadly lobed	1. *lobata.*
Leaves deeply 3- or 5-lobed	2. *sinuata.*

1. **U. lobata,** *Linn.;* Benth. Fl. Hongk. 34. Common on roadsides in Hongkong; Hoifung. Fl. purple, August.
2. **U. sinuata,** *Linn.;* Benth. l. c. 34. Common on roadsides in Hongkong; near Lowu, Hongkong New Territory; Hoifung. Fl. purple, October.

6.—HIBISCUS.

Key to species.

1.	Bracteoles free or nearly so	2.
	Bracteoles connate	3.
2.	Leaves digitate...	1. *Trionum.*
	Leaves simple	4.
3.	Leaves orbicular	4. *tiliaceus.*
	Leaves lanceolate	5. *rosa-sinensis.*
4.	Herb	2. *Abelmoschus.*
	Shrub	3. *mutabilis.*

1. **H. Trionum,** *Linn.;* DC. Prodr. i. 453. At Kowloon-tsai, Hongkong New Territory. Fl. yellow marked with purple, July.
2. **H. Abelmoschus,** *Linn.;* Benth. Fl. Hongk. 34. At Chaiwan and on Peak Road, Hongkong; on Mawan Island and near Sanwai, Hongkong New Territory; North and Lienchow Rivers. Fl. yellow marked with purple, August.
3. **H. mutabilis,** *Linn.;* DC. Prodr. i. 452. On Mt. Gough, Hongkong; Lantao Island, Hongkong New Territory; on river bank near Chaochaufu. Fl. white changing to pink, September.
4. **H. tiliaceus,** *Linn.;* DC. Prodr. i. 454. Common on the seashore, Hongkong; at Tai-o on Lantao Island, Hongkong New Territory. Fl. yellow with a red eye, July to October.
5. **H. rosa-sinensis,** *Linn.;* DC. Prodr. i. 448. Near Shatan and Lienchow River. Fl. red, white and yellow, Summer.

7.—BOMBAX.

1. **B. malabaricum,** *DC.* Prodr. i. 479. Cultivated in Hongkong; ravines above Hahang, Hongkong New Territory; Chaochaufu, Swatow. Fl. red, March.

STERCULIACEAE.

Key to genera.

1. Large tree	2.
Shrub, herb or climber	5.
2. Petals 0...	3.
Petals 5...	4.
3. Carpels dehiscing	1. *Sterculia.*
Carpels distinct, indehiscent	2. *Heritiera.*
4. Flowers in terminal corymbs	3. *Reevesia.*
Flowers axillary, solitary or few ...	5. *Pterospermum.*
5. Stem climbing	9. *Buettneria.*
Stem erect	6.
6. Stamens united to the top, alternating with staminodes	7.
Stamens 5, united at base only, staminodes 0	8.
7. Anthers in threes	8. *Abroma.*
Anthers single	4. *Helicteres.*
8. Plant glabrous or thinly pubescent ...	6. *Melochia.*
Plant densely tomentose	7. *Waltheria.*

1.—STERCULIA.

Key to species.

1. Leaves lanceolate	2.
Leaves palmately lobed	1. *platanifolia.*
2. Calyx ½ cleft	2. *nobilis.*
Calyx cleft nearly to the base ...	3. *lanceolata.*

1. **S. platanifolia,** *Linn.*; Benth. Fl. Hongk. 36. At Hoktsui, Hongkong. Fl. yellowish green, June.
2. **S. nobilis,** *Smith*; Masters in Hook. f. Fl. Brit. Ind. i. 358. Hongkong without locality. Fl. red, May.
3. **S. lanceolata,** *Cav.*; Benth. Fl. Hongk. 36. Very common in Hongkong; Lantao Island, Hongkong New Territory; river bank near Chaochaufu, Swatow; Canton; Macao. Fl. pink, April.

2.—HERITIERA.

1. **H. littoralis,** *Ait.*; Benth. Fl. Hongk. 36. At Taitam Tuk on the seashore, Hongkong; Hongkong New Territory without locality. Fl. brown, August.

3.—REEVESIA.

1. **R. thyrsoidea,** *Lindl.*; Benth. Fl. Hongk. 37. Common in the woods and on the hills, Hongkong; Lantao Island, Hongkong New Territory; Canton; Macao. Fl. white, April.

4.—HELICTERES.

Key to species.

Leaves hairy above	1. *spicata.*
Leaves glabrous	2. *angustifolia.*

1. **H. spicata,** *Colebr.;* Masters in Hook. f. Fl. Brit. Ind. i. 366. Canton. Fl. purple, August.
2. **H. angustifolia,** *Linn.;* Benth. Fl. Hongk. 37. Common on low ground, Hongkong; Lantao Island, Hongkong New Territory; hill near Chaochaufu, Swatow. Fl. purple, June.

5.—PTEROSPERMUM.

1. **P. heterophyllum,** *Hance; P. acerifolium,* Benth. Fl. Hongk. 39. In woods behind the Buddhist Temple, Causeway Bay, Chaiwan Gap and Longwave Bay, Hongkong; hill near Chaochaufu, Swatow; North River, in dense wood around a Buddhist Temple, Filoitze. Fl. white, August.

6.—MELOCHIA.

1. **M. corchorifolia,** *Linn.;* Masters in Hook. f. Fl. Brit. Ind. i. 374. Weed in cultivated ground, Canton. Fl. white or pink, September.

7.—WALTHERIA.

1. **W. indica,** *Linn.; W. americana,* Benth. Fl. Hongk. 38. In open ground, Hongkong; seashore east of Kowloon City, Hongkong New Territory; Hoifung; Canton. Fl. yellow, September.

8.—ABROMA.

1. **A. fastuosum,** *Jacq.; A. augusta,* Linn. f.; Masters in Hook. f. Fl. Brit. Ind. i. 375. Happy Valley, Hongkong. Fl. purple, July.

9.—BUETTNERIA.

1. **B. aspera,** *Colebr.;* Benth. Fl. Hongk. 39. Cape d' Aguilar, Hongkong; Shalotung, 5th and 15th mile on Taipo Road and at Plovers' Cove, Hongkong New Territory. Fl. white, May.

TILIACEAE.

Key to genera.

1.	Fruit dehiscent	4.
	Fruit drupaceous or dry, indehiscent...	3.
2.	Stamens all fertile	3. *Corchorus.*
	Alternate stamens anantherous ...	4. *Corchoropsis.*

3. Fruit drupaceous		6.
Fruit dry echinate	2.	*Triumfetta.*
4. Capsule spiny		5.
Capsule unarmed		2.
5. Sepals imbricate	5.	*Sloanea.*
Sepals valvate	6.	*Echinocarpus.*
6. Flowers racemose	7.	*Elaeocarpus.*
Flowers umbellate or paniculate ...	1.	*Grewia.*

1.—GREWIA.

Key to species.

1. Leaves glabrous or thinly hairy beneath		2.
Leaves velvety or tomentose beneath		3.
2. Flowers in terminal panicles; leaves glabrous	1.	*Microcos.*
Flowers nearly all axillary	2.	*glabrescens.*
3. Leaves suborbicular, 5–7-nerved ...	3.	*asiatica.*
Leaves ovate, 3-nerved		4.
4. Stamens less than 20	4.	*polygama.*
Stamens more than 40		5.
5. Leaves hispid above	5.	*parviflora.*
Leaves glabrous or with few stellate hairs above...	6.	*hirsuta.*

1. **G. Microcos,** *Linn.*; Benth. Fl. Hongk. 42. Shaukiwan, Cape d'Aguilar and Stonecutters' Island, Hongkong; Lantao Island, Hongkong New Territory. Fl. yellow, June.
2. **G. glabrescens,** *Benth.* l. c. Belcher's Bay, Little Hongkong, Taitam and Cape d'Aguilar, Hongkong; Lienchow River. Fl. yellow, June.
3. **G. asiatica,** *Linn*; Masters in Hook. f. Fl. Brit. Ind. i. 386. Lantao and without locality, Hongkong New Territory. Fl. yellow, May.
4. **G. polygama,** *Roxb.*; Masters l. c. 391. Pakhoi. Fl. white, ——.
5. **G. parviflora,** *Bunge*, Enum. Pl. Chin. Bor. 9. Hongkong without locality; Lienchow and North Rivers. Fl. greenish, July, August.
6. **G. hirsuta,** *Vahl*; DC. Prodr. i. 509. West and North Rivers. Fl. yellow, Summer.

2.—TRIUMFETTA.

Key to species.

Spines of capsule glabrous	1.	*rhomboidea.*
Spines of capsule hairy below... ...	2.	*pilosa.*

1. **T rhomboidea,** *Jacq.*; *T. angulata*, Benth. Fl. Hongk. 41. Common in Hongkong; Hoifung. Fl. yellow, August.
2. **T. pilosa,** *Roth*; Benth. l. c. 41. Little Hongkong; Hoifung; North River. Fl. yellow, August.

3.—CORCHORUS.

Key to species.

1. Capsule globose	1. *capsularis.*
Capsule cylindrical	2.
2. Capsule winged	2. *acutangulus.*
Capsule wingless	3. *olitorius.*

1. **C. capsularis**, *Linn.*; Benth. Fl. Hongk. 40. Cultivated in Hongkong, Hongkong New Territory and Kwangtung; Lienchow River. Fl. yellow, August.
2. **C. acutangulus**, *Lam.*; Benth. l. c. Hongkong in waste places; Port-Shelter, Hongkong New Territory; Sanning; Lienchow River. Fl. yellow, August.
3. **C. olitorius**, *Linn.*; Masters in Hook. f. Fl. Brit. Ind. i. 397. Lienchow River. Fl. yellow, August.

4.—CORCHOROPSIS.

1. **C. crenata**, *Sieb. et Zucc.* in Abh. Akad. Münch. iii. 738. Lienchow River; Lofoushan. Fl. yellow, August.

5.—SLOANEA.

1. **S. hongkongensis**, *Hemsl.* in Hook. Ic. Pl. t. 2628. Aberdeen New Road and on the north face of Mt. Nicholson, Hongkong. Fl. cream-coloured, September.

6.—ECHINOCARPUS.

1. **E. sinensis**, *Hance* in Journ. Bot. 1884, 108. Lofoushan. Fl. ——.

7.—ELAEOCARPUS.

Key to species.

1. Petals divided to middle	2.
Petals crenate only	1. *chinensis.*
2. Petals 3 lines long; fruit 1½ inches ...	2. *lancaefolius.*
Petals 1½ lines long	3.
3. Flowers very numerous	3. *decipiens.*
Racemes lax-flowered, 1½ inches ...	4. *Henryi.*

1. **E. chinensis**, *Hook. f.* in Benth. Fl. Hongk. 43. Happy Valley woods and Mt. Kellet, Hongkong; Lanfa Mt., Hoifung; Lofoushan. Fl. greenish white, May.
2. **E. lancaefolius**, *Roxb.*; Benth. l. c. 42. In the Happy Valley woods, Hongkong. Fl. white, June.
3. **E. decipiens**, *Hemsl.* in Enum. Pl. Chin. i. 94. Kwangtung without locality. Fl. ——.
4. **E. Henryi**, *Hance* in Journ. Bot. 1885, 322. Saishushan, North River. Fl. ——, June.

LINACEAE.

1.—IXONANTHES.

1. **I. chinensis**, *Champ.* in Trans. Linn. Soc. xxi. 114. On Bowen Road, Happy Valley and Little Hongkong woods, Hongkong; Kanghau and Taiwai, Hongkong New Territory. Fl. white, May.

MALPIGHIACEAE.

1.—HIPTAGE.

1. **H. Madablota**, *Gaertn.*; Benth. Fl. Hongk. 49. On Mt. Gough and in the Happy Valley woods, Hongkong; hill at Chaochaufu, Swatow. Fl. white, March.

GERANIACEAE.

Key to genera.

1. Leaves entire	5. *Impatiens.*
Leaves compound	2.
2. Tree	4. *Averrhoa.*
Herb	3.
3. Leaves trifoliate	2. *Oxalis.*
Leaves pinnate or bipinnate	4.
4. Leaves pinnate	3. *Biophytum.*
Leaves bipinnate	1. *Erodium.*

1.—ERODIUM.

1. **E. cicutarium**, *L'Hérit;* Hook. f. Fl. Brit. Ind. i. 434. Kennedy Road, Hongkong. Fl. purple, .

2.—OXALIS.

Key to species.

Flowers yellow	1. *corniculata.*
Flowers purple	2. *Martiana.*

1. **O. corniculata**, *Linn.;* Benth. Fl. Hongk. 56. Common on roadsides and waste places, Hongkong; paddy fields near Swatow. Fl. yellow, April.
2. **O. Martiana**, *Zucc.;* Benth. l. c. Common in cultivated ground and roadsides, Hongkong; in fields near Chaochaufu, Swatow. Fl. purple, April.

3.—BIOPHYTUM.

Key to species.

Pedicels longer than flowers	1. *Reinwardii.*
Pedicels much shorter than flowers ...	2. *sensitivum.*

1. **B. Reinwardtii**, *Walp.;* Edgew. in Hook. f. Fl. Brit. Ind. i. 437. Banks of the West River. Fl. ——.
2. **B. sensitivum**, *DC.;* Hook. f. l. c. 436. Near Macao. Fl. yellow, July.

4.—AVERRHOA.

1. **A. Carambola,** *Linn.*; Benth. Fl. Hongk. 56. At Little Hongkong; Macao; Sanning; Lienchow River. Fl. pink, July.

5.—IMPATIENS.

Key to species.

1.	Spur spiral	1. *cochleata.*
	Spur straight or curved	2.
2.	Leaves truncate at base, subsessile ...	2. *chinensis.*
	Leaves stalked	3.
3.	Petioles with large glands	3. *obesa.*
	Petioles naked or with setaceous glands	4.
4.	Leaves serrate	5.
	Leaves crenate	5. *plebeja.*
5.	Sepals minute; leaves deeply serrate...	4. *Balsamina.*
	Sepals $\frac{1}{4}$ inch long; leaves serrulate ...	6. *crassicornu.*

1. **I. cochleata,** *Lour.*; *Balsamita cochleata*, DC. Prodr. i. 666. Cultivated at Canton. Fl. red, ——.
2. **I. chinensis,** *Linn.*; Benth. Fl. Hongk. 55. In a swamp near Chaiwan Gap, Hongkong; near Sanwai, Hongkong New Territory; stream near Chaochaufu, Swatow; Hoifung; Sanning; Lienchow River; Lofoushan. Fl. pink, Summer.
3. **I. obesa,** *Hook. f.* in Nouv. Arch. Mus. Hist. Nat. Paris, 4e sér. x. 242. Lienchow River. Fl. purple and yellow, August.
4. **I. Balsamina,** *Linn.*; Hook. f. Fl. Brit. Ind. i. 453. Macao. Fl. white, pink or red, Summer.
5. **I. plebeja,** *Hemsl.* Enum. Pl. China i. 101. Lofoushan. Fl. ——.
6. **I. crassicornu,** *Hook. f.* in Hook. Ic. Pl. t. 2916. Mt. Pakwan, near Canton. Fl. ——.

RUTACEAE.

Key to genera.

1.	Ovary deeply 2-5-lobed, cells 2-ovulate	2.
	Ovary entire	3.
2.	Leaves opposite	1. *Evodia.*
	Leaves alternate	2. *Zanthoxylum.*
3.	Leaves compound	5.
	Leaves simple	4.
4.	Cells many-ovuled	10. *Citrus.*
	Cells 1-2-ovuled	9.
5.	Stamens 2-5	3. *Toddalia.*
	Stamens 8-10	6.
6.	Petals valvate	6. *Micromelum.*
	Petals imbricate	7.

7. Flowers in corymbs	... ...	7. *Murraya.*
Flowers in panicles	... ...	8.
8. Panicles large, terminal	... ...	8. *Clausena.*
Panicles small, axillary	... ...	5. *Glycosmis.*
9. Spiny shrubs	... ...	9. *Atalantia.*
Unarmed shrubs	... ...	10.
10. Flowers in long-stalked corymbs	...	4. *Acronychia.*
Flowers in short-stalked panicles	...	5. *Glycosmis.*

1.—EVODIA.

Key to species.

1. Leaves trifoliate	... ...	1. *triphylla.*
Leaves pinnate...	... ...	2.
2. Peduncles glabrous	... ...	2. *meliaefolia.*
Peduncles velvety	... ...	3. *rutaecarpa.*

1. **E. triphylla,** *DC.*; *E. Lamarckiana*, Benth. Fl. Hongk. 59. Happy Valley, Taitam Tuk and Mt. Gough, Hongkong; Tin-tso-ngam, Hongkong New Territory; hill near Chaochaufu, Swatow. Fl. greenish, April.
2. **E. meliaefolia** *Benth.* l. c. 58. In the Happy Valley woods, very common up to 400 ft. on Mt. Gough, Hongkong; Hoifung. Fl. cream-coloured, September.
3. **E. rutaecarpa,** *Benth.* l. c.; Hook. f. Fl. Brit. Ind. i. 490. Lienchow River. Fl. ——, August.

2.—ZANTHOXYLUM.

Key to species.

1. Stem erect	... ...	2.
Stem climbing ...	... ...	4.
2. Petiole cylindric	... ...	3.
Petiole winged ...	... ...	1. *alatum.*
3. Leaflets 1–2 inches long	... ...	2. *Avicennae.*
Leaflets 4–5 inches long	... ...	3. *myriacanthum.*
4. Leaflets 1–7	... ...	5.
Leaflets 15–25 ...	... ...	4. *cuspidatum.*
5. Leaflets copiously armed with hooked prickles	... ...	5. *nitidum.*
Leaflets almost unarmed	... ...	6. *ovalifolium.*

1. **Z. alatum,** *Roxb.*; Hook. f. Fl. Brit. Ind. i. 493. Lienchow River. Fl. yellow, May.
2. **Z Avicennae,** *DC.*; Benth. Fl. Hongk. 58. Happy Valley woods and Mt. Gough, Hongkong; Lantao, Hongkong New Territory; Swatow; Lanfa Mt., Hoifung; Macao; Pakhoi. Fl. white, September.
3. **Z. myriacanthum,** *Wall.*; Hook. f. Fl. Brit. Ind. i. 496. Shalotung and near Taipo, Hongkong New Territory. Fl. ——.
4. **Z. cuspidatum,** *Champ.*; Benth. Fl. Hongk. 58. Mt. Gough and Mt. Parker, Hongkong; Phoenix Mt. and near Chaochaufu, Swatow. Fl. reddish, February.

5. **Z. nitidum,** *DC.*; Benth. l. c. Common in Hongkong; Taimoshan, Lantao and Tin-tso-ngam, Hongkong New Territory; near Chaochaufu, Swatow; Tai-iushan, near Canton. Fl. white, February.
6. **Z. ovalifolium,** *Wight*; Hook. f. Fl. Brit. Ind. i. 492. In a ravine below Sheko Gap, Hongkong. Fl. white ?, April.

3.—TODDALIA.

1. **T. aculeata,** *Pers.*; Benth. Fl. Hongk. 59. Mt. Victoria, Mt. Parker, Chaiwan and in Happy Valley woods, Hongkong; Taimoshan, Hongkong New Territory; near Chaochaufu, Swatow; Lofoushan. Fl. white, Winter.

4.—ACRONYCHIA.

1. **A. laurifolia,** *Blume; Cyminosma pedunculata*, DC.; Benth. Fl. Hongk. 60. Common in the island of Hongkong; Macao; Sanning; Lofoushan. Fl. white, June.

5.—GLYCOSMIS.

1. **G. pentaphylla,** *Correa; G. citrifolia*, Lindl.; Benth. Fl. Hongk. 51. East Point and Causeway Bay, Hongkong; Maonshan, Hongkong New Territory; Pakhoi; West River. Fl. white, October.

6.—MICROMELUM.

1. **M. pubescens,** *Blume*; Hook. f. Fl. Brit. Ind. i. 501. Lienchow River. Fl. white, December.

7.—MURRAYA.

1. **M. exotica,** *Linn.*; Benth. Fl. Hongk. 50. Cultivated in Hongkong; Sanning. Fl. white, August.

8.—CLAUSENA.

1. **C. Wampi,** *Oliv.*; Benth. Fl. Hongk. 50. Cultivated in Hongkong; near Chaochaufu, Swatow. Fl. white, April.

9.—ATALANTIA.

Key to species.

Veins of leaves distant, anastomosing...	1. *Hindsii.*
Veins of leaves close and parallel ...	2. *buxifolia.*

1. **A. Hindsii,** *Oliv.*; Benth. Fl. Hongk. 51. Common in Hongkong; hills around Kowloon reservoir, Hongkong New Territory; Lofoushan. Fl. white, July.
2. **A. buxifolia,** *Oliv.*; Benth. l. c. Common on the hills, Hongkong; hills behind Kowloon City, Hongkong New Territory; Pakhoi. Fl. white, June.

10.—CITRUS.

1. **C. Aurantium,** *Linn.* and 2. **C. medica,** *Linn.* cultivated.

SIMARUBACEAE.

Key to genera.

1.	Leaves glabrous	2.
	Leaves velvety	3. *Brucea.*
2.	Fruits, winged samaras	1. *Ailanthus.*
	Fruits, fleshy drupes	2. *Picrasma.*

1.—AILANTHUS.

Key to species.

Leaflets entire	1. *malabarica.*
Leaflets coarsely toothed at the base	2. *glandulosa.*

1. **A. malabarica,** *DC.* Prodr. ii. 89. Victoria Gap and Mt. Gough, Hongkong; Shatin, Hongkong New Territory. Fl. cream-coloured, October.
2. **A. glandulosa,** *Desf.*; DC. Prodr. ii. 89. Cultivated.

2.—PICRASMA.

1. **P. quassioides,** *Benn.*; Benth. Fl. Hongk. 61. On Mt. Victoria and Mt. Parker, Hongkong. Fl. greenish, April.

3.—BRUCEA.

1. **B. sumatrana,** *Roxb.*; Benth. Fl. Hongk. 60. Happy Valley and elsewhere on edges of woods, Hongkong; Taipo, Hongkong New Territory. Fl. purple, June.

BURSERACEAE.

1.—CANARIUM.

Key to species.

Leaves scabrous beneath	1. *album.*
Leaves smooth	2. *Pimela.*

1. **C. album,** *Raeusch.*; DC. Prodr. ii. 80. Cultivated at Chaochaufu and Whampoa. Fl. whitish,
2. **C. Pimela,** *Kon.*; DC. l. c. 80. Naturalised in Hongkong; cultivated at Whampoa, near Canton. Fl. white, May.

MELIACEAE.

Key to genera.

1.	Leaves bipinnate	1. *Melia.*
	Leaves pinnate	2.
2.	Leaflets 5	3. *Aglaia.*
	Leaflets 8–30	3.
3.	Leaflets serrate; fruit a capsule ...	4. *Cedrela.*
	Leaflets entire; fruit fleshy	2. *Chisocheton.*

1.—MELIA.

Key to species.

Petals glabrous, blue	1. *Azedarach.*
Petals mealy, white	2. *dubia.*

1. **M. Azedarach,** *Linn.;* DC. Prodr. i. 621. River bank near Swatow. Fl. blue, April.
2. **M. dubia,** *Cav.;* Hiern. in Hook. f. Fl. Brit. Ind. i. 545. Pakhoi. Fl. white, ——.

2.—CHISOCHETON.

1. **C. hongkongensis,** *Tutcher* in Journ. Linn. Soc. Bot. xxxvii. 64. On the southern slopes of Mt. Parker, Hongkong. Fl. white, December.

3.—AGLAIA.

1. **A. odorata,** *Lour.;* DC. Prodr. i. 537. Hongkong New Territory without locality; cultivated in Hongkong and Kwangtung. Fl. yellow, May.

4.—CEDRELA.

1. **C. sinensis,** *A. Juss.;* C. DC. Monogr. Phan. i. 743. North River. Fl. white, July.

OLACACEAE.

Key to genera.

1.	Stem climbing	3. *Iodes.*
	Stem erect	2.
2.	Flowers $\frac{1}{2}$ to 1 inch	1. *Schoepfia.*
	Flowers $\frac{1}{8}$ to $\frac{1}{4}$ inch	2. *Cansjera.*

1.—SCHOEPFIA.

1. **S. chinensis,** *Gardn. et Champ.*; Benth. Fl. Hongk. 52. On Victoria Peak and in the Happy Valley Woods, Hongkong; Lantao Island, Hongkong New Territory; stream banks on the slopes of the Phœnix Mt., Swatow. Fl. pink, February.

2.—CANSJERA.

1. **C. Rheedii,** *Gmel.*; Benth. Fl. Hongk. 296. Repulse Bay and Mt. Parker, Hongkong; Ngautau, Lokloha, Sanwai and near Shataukok, Hongkong New Territory; Swatow. Fl. yellow, November.

3.—IODES.

1. **I. vitiginea,** *Hance* in Journ. Bot. 1874, 184. Cockscomb Rocks, West River. Fl. yellow, May–July.

AQUIFOLIACEAE.

1.—ILEX.

Key to species.

1.	Flowers in nearly sessile clusters, pedicels equal to or longer than flowers	2.
	Pedicels longer than flowers, or peduncles longer than clusters	6.
2.	Pubescent plant	1. *pubescens.*
	Glabrous plant	3.
3.	Leaves caudate...	2. *ficoidea.*
	Leaves obtuse or acute	4.
4.	Leaves narrow oblong	3. *cinerea.*
	Leaves ovate or lanceolate	5.
5.	Midrib of leaf impressed	4. *viridis.*
	Midrib of leaf flat	5. *Hanceana.*
6.	Umbels pedunculate	7.
	Umbels sessile, or peduncles separate	9.
7.	Leaves quite entire	6. *rotunda.*
	Leaves always obscurely crenate ...	8.
8.	Leaves coriaceous	7. *myriadenia.*
	Leaves papery	8. *Oldhami.*
9.	Corolla divided nearly to the base ...	10.
	Corolla divided halfway down ...	4. *viridis.*
10.	Leaves crenate...	11.
	Leaves quite entire	9. *memecylifolia.*
11.	Leaves coriaceous, bluntly acuminate	10. *graciliflora.*
	Leaves thin, sharply acuminate ...	12.
12.	Leaves 3–4 inches long	11. *macrocarpa.*
	Leaves 1–2 inches long	12. *asprella.*

1. **I. pubescens,** *Hook. et Arn.*; Benth. Fl. Hongk. 65. Frequent in Hongkong; Hahang, Hongkong New Territory; Swatow; Hoifung; Lienchow River. Fl. lilac, April.

2. **I. ficoidea,** *Hemsl.* Enum. Pl. China. i. 116. Happy Valley and south slope of Mt. Gough, Hongkong; Lantao Island, Hongkong New Territory; Kwaisin, near Hoifung. Fl. yellowish, March.

3. **I. cinerea,** *Champ.*; Benth. Fl. Hongk. 64. Mt. Victoria and Pokfulam, Hongkong; Lantao Island, Hongkong New Territory. Fl. yellowish, April.

4. **I. viridis,** *Champ.*; Benth. l. c. 65. Mt. Parker South and Mt. Gough, Hongkong; Kwaisin, near Hoifung; Ng-tung-shan, near Hongkong; Pakwan, near Canton. Fl. pale pink, April.

5. **I. Hanceana,** *Maxim.*; *I. buxifolia*, Hance in Journ. Bot., 1876, 364. Mt. Kellet, on north-west of Mt. Victoria, and Wongneichung, Hongkong. Fl. white, May.

6. **I. rotunda,** *Thunb.*; DC. Prodr. ii. 16. Chinwan, Santin, Mongkok and Hahang, Hongkong New Territory; Lofoushan; West River. Fl. ——, May.

7. I. **myriadenia,** *Hance* in Journ. Bot., 1883, 296. On a hill by the Lienchow River near Maposhui. Fl. ——.
8. I. **Oldhami,** *Miq.* in Ann. Mus. Bot. Lugd. Bat. iii. 105. Lienchow River. Fl. dark purple, May.
9. I. **memecylifolia,** *Champ.*; Benth. Fl. Hongk. 65. Happy Valley woods, North Point, Victoria Peak and elsewhere, Hongkong; on hill near Kowloon reservoir and Lantao Island, Hongkong New Territory. Fl. white, April.
10. I. **graciliflora,** *Champ.*; Benth. l. c. 65. Common in the Happy Valley woods, on the south side of Mt. Nicholson, Hongkong. Fl. white, April.
11. I. **macrocarpa,** *Oliver* in Hook. Ic. Pl. t. 1787. Lienchow River. Fl. white, ——.
12. I. **asprella,** *Champ.*; Benth. Fl. Hongk. 65. Common in Hongkong; Lantao Island, Hongkong New Territory; Swatow; Whampoa. Fl. white, April.

CELASTRACEAE.

Key to genera.

1.	Leaves opposite	2.
	Leaves alternate	3. *Celastrus.*
2.	Stamens 3	5. *Hippocratea.*
	Stamens 4 or 5	3.
3.	Flowers in axillary clusters or small cymes	4.
	Flowers in loose axillary cymes ...	1. *Euonymus.*
4.	Petals united below	2. *Microtropis.*
	Petals free	4. *Elaeodendron.*

1.—EUONYMUS.

Key to species.

1.	Flowers tetramerous	2.
	Flowers pentamerous	5.
2.	Capsule prickly	1. *angustatus.*
	Capsule angled or terete, not prickly	3.
3.	Capsule lobed	4.
	Capsule subglobose, stem rooting ...	2. *hederaceus.*
4.	Lobes of capsule acute	3. *chinensis.*
	Lobes of capsule rounded	4. *japonicus.*
5.	Cymes not much longer than petioles	5. *longifolius.*
	Cymes nearly as long as leaves ...	6.
6.	Petals fringed	6. *gibber.*
	Petals entire	7. *laxiflorus.*

1. E. **angustatus,** *Sprague* in Kew Bull. 1908, 33 and 35. Taimo shan and Lantao Island, Hongkong New Territory. Fl. cream-coloured, February.
2. E. **hederaceus,** *Champ.*; Benth. Fl. Hongk. 63. Victoria Peak at 1700 ft., covering the ground in Little Hongkong woods. Fl. greenish-white, May.

3. **E. chinensis**, *Lindl.*; *E. nitidus*, Benth. l. c. 62. East Point, Mt. Nicholson, Mt. Gough, Bowen Road, Hongkong; Taipo Road, Hahang and Lantao Island, Hongkong New Territory; Swatow. Fl. greenish, May.
4. **E. japonicus**, *Thunb.*; DC. Prodr. ii. 4. At foot of Phoenix Mt., Swatow; West River. Fl. pale green, August.
5. **E. longifolius**, *Champ.*; Benth. Fl. Hongk. 62. Happy Valley woods, Hongkong; Ma-onshan, Hongkong New Territory. Fl. pale green, ——.
6. **E. gibber**, *Hance* in Journ. Bot. 1882, 77. Cultivated in Botanic Gardens, Hongkong. Not known from elsewhere. Fl. pale green, June.
7. **E. laxiflorus**, *Champ.*; Benth. Fl. Hongk. 63. Happy Valley woods, Mt. Nicholson, Deepwater Bay, Mt. Parker and Mt. Gough, Hongkong; Shalotung, Hongkong New Territory. Fl. pale green, March.

2.—MICROTROPIS.

Key to species.

1.	Leaves lanceolate	2.
	Leaves broadly ovate	2. *latifolia.*
2.	Leaves gradually narrowed to base ...	3. *fokienensis.*
	Leaves abruptly acuminate at base ...	1. *reticulata.*

1. **M. reticulata**, *Dunn* in Journ. Bot. 1909, 375. Lantao on exposed rocky slopes at 1000 ft., Hongkong New Territory. Fl. greenish, March.
2. **M. latifolia**, *Wight*; Lawson in Hook. f. Fl. Brit. Ind. i. 613. In shady ravines on Mt. Victoria and Mt. Kellet, Hongkong. Fl. greenish, November.
3. **M. fokienensis**, *Dunn* in Journ. Linn. Soc. xxxviii. 357. Swatow district. Fl. greenish, April.

3.—CELASTRUS.

Key to species.

1.	Leaves cuneate spathulate	1. *diversifolius.*
	Leaves ovate	2.
2.	Capsule 1-seeded	3.
	Capsule 3-seeded	2. *articulatus.*
3.	Peduncle shorter than fruit	4.
	Peduncle longer than fruit	3. *Championi.*
4.	Panicle lax	4. *cantonensis.*
	Panicle contracted	5. *Hindsii.*

1. **C. diversifolius**, *Hemsl.*; *Gymnosporia diversifolia*, Maxim in Mél. Biol. xi. 204. In a wood near the sea, Swatow; Hoifung. Fl. white, October.
2. **C. articulatus**, *Thunb.*; DC. Prodr. ii. 7. Hoifung; Shuikwan River. Fl. green, April.
3. **C. Championi**, *Benth.* Fl. Hongk. 64. On Victoria Peak and Mt. Parker, Hongkong; Hahang, Ma-onshan and Lantao Island, Hongkong New Territory. Fl. green, May.

4. **C. cantonensis**, *Hance* in Journ. Bot., 1885, 323. Lungtoyin on the North River. Fl. green, ——.
5. **C. Hindsii**, *Benth.*; *C. monospermus*, Benth. Fl. Hongk. 63. In various parts of Hongkong; Lantao Island and other parts of Hongkong New Territory; Macao; Hoifung; Lofoushan. Fl. green, March.

4.—ELAEODENDRON.

1. **E. japonicum**, *Franch. et Sav.* in Enum. Pl. Jap. ii. 315. Stanley, Hongkong. Fl. white, January.

5.—HIPPOCRATEA.

1. **H. obtusifolia**, *Roxb.*; Benth. Fl. Hongk. 62. North Point and Taitam Road, frequent in Hongkong. Fl. yellowish-green, June.

RHAMNACEAE.

Key to genera.

1.	Peduncles fleshy	8. *Hovenia.*
	Peduncles slender	2.
2.	Fruit dry	3.
	Fruit a drupe or berry	4.
3.	Fruit peltate	2. *Paliurus.*
	Fruit samaroid	1. *Ventilago.*
4.	Leaves three-nerved	3. *Zizyphus.*
	Leaves penninerved	5.
5.	Flowers sessile; leaves less than 1 inch	7. *Sageretia.*
	Flowers pedicellate, or leaves over 1½ inches	6.
6.	Inflorescence terminal	5. *Berchemia.*
	Inflorescence axillary	7.
7.	Fruit oblong with one stone (if fruit not available see *Rhamnus* key) ...	4. *Microrhamnus.*
	Fruit globular with several pyrenes ...	6. *Rhamnus.*

1.—VENTILAGO.

1. **V. leiocarpa**, *Benth.* Fl. Hongk. 67. In Pokfulam valley and below Taitam-Wongneichong catchwater, Hongkong; Lantao Island, Hongkong New Territory; bank of Han River, Swatow. Fl. greenish-white, May.

2.—PALIURUS.

Key to species.

Fruit cup-shaped in section	1. *ramosissimus.*
Fruit button-shaped	2. ***hirsutus.***

1. **P. ramosissimus**, *Poir.*; *P. Aubletia*, Benth. Fl. Hongk. 66. At Aberdeen, Hongkong; Samshuipo, Hongkong New Territory; Swatow; Pakhoi. Fl. yellowish, June.
2. **P. hirsutus**, *Hemsl.* in Kew Bull. 1894, 388. Lienchow and North-west Rivers. Fl. ——, August.

3.—ZIZYPHUS.

1. **Z. Jujuba,** *Lam.*; DC. Prodr. ii. 21. Taishuihang, Hongkong New Territory; West River; Teinpak. Fl. yellow, October.

4.—MICRORHAMNUS.

1. **M. franguloides,** *Maxim.* in Mél. Biol. xii. 431. Kwangtung? Fl. yellowish-green, ——.

5.—BERCHEMIA.

Key to species.

1. Flowers pedicellate; leaf veins numerous	2.
Flowers axillary, sessile; veins few ...	1. *sessiliflora.*
2. Leaves 1–1½ inches; flowers in terminal panicles	2. *racemosa.*
Leaves less than ½ inch; flowers mostly axillary	3. *lineata.*

1. **B. sessiliflora,** *Benth.* Fl. Hongk. 68. Hongkong without locality. Fl. ——.
2. **B. racemosa,** *Sieb. et Zucc.*; Benth. l. c. 67. Common in Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; Swatow; Lanfa Mt., Hoifung. Fl. yellow, September.
3. **B. lineata,** *DC.*; Benth. l. c. Hongkong without locality; common in hedges in Hongkong New Territory; Whampoa; Pakhoi; Lofoushan. Fl. cream-coloured, October.

6.—RHAMNUS.

Key to species.

1. Fascicles of flowers in simple or compound racemes; petals 5	1. *nipalensis.*
Fascicles of flowers axillary	2.
2. Pedicels subumbellate	5.
Pedicels axillary	3.
3. Plant nearly glabrous	4.
Leaves white tomentose beneath ...	2. *rugulosus.*
4. Leaves coriaceous, oblong, shortly acuminate	3. *davuricus.*
Leaves thin, strongly acuminate at apex and base; pedicels slender ...	4. *virgatus.*
5. Lateral leaf-veins running close under margin and then without break into the next arch	5. *crenatus.*
Lateral leaf-veins otherwise	*Microrhamnus franguloides.*

1. **R. nipalensis,** *Wall.*; Lawson in Hook. f. Fl. Brit. Ind. i. 640. Lienchow River. Fl. green, August.
2. **R. rugulosus,** *Hemsl.* in Enum. Pl. China i. 129. Lienchow River. Fl. ——, May.

3. **R. davuricus**, *Pall.* Fl. Ross. ii. 24. Lienchow River. Fl. green, April.
4. **R. virgatus**, *Benth.* Fl. Hongk. 68. Mt. Parker south and Hoktsui, Hongkong; Lantao Island at 1500 ft., Hongkong New Territory; Lofoushan. Fl. green, August.
5. **R. crenatus**, *Sieb. et Zucc.*; *R. oreigenes*, Hance in Journ. Bot. 1869, 116. Lantao Island, Hongkong New Territory; White Cloud hills, Canton; Swatow; Hoifung; Kwaisin; Lienchow River; Lofoushan. Fl. ——, June to September.

7.—SAGERETIA.

Key to species.

Leaves rugose	1. *rugosa.*
Leaves smooth	2. *theezans.*

1. **S. rugosa**, *Hance* in Journ. Bot. 1878, 9. North and Lienchow Rivers. Fl. ——, October.
2. **S. theezans**, *Brongn.*; Benth. Fl. Hongk. 68. Common on Victoria Peak and elsewhere, Hongkong; Lantao Island, Taimoshan, Lowu, Hongkong New Territory; Swatow; Whampoa; Macao; Pakhoi. Fl. white, Winter.

8.—HOVENIA.

1. **H. dulcis**, *Thunb.*; Lawson in Hook. f. Fl. Brit. Ind. i. 640. Canton; Lienchow River; North River. Fl. yellow, June.

AMPELIDACEAE.

1.—VITIS.

Key to species.

1.	Leaves compound	2.
	Leaves simple	12.
2.	Leaves pinnate	1. *cantoniensis.*
	Leaves digitate or pedate	3.
3.	Leaflets deeply incised or pinnatifid ...	4.
	Leaflets entire or toothed	5.
4.	Flowers in small dense long-stalked cymes	2. *serjanaefolia.*
	Flowers in loose dichotomous cymes ...	3. *heterophylla.*
5.	Leaflets 5	6.
	Leaflets 3	9.
6.	Leaves digitate	7.
	Leaves pedate	8.
7.	Stem flattened; peduncle umbellately branched	4. *planicaulis.*
	Stem round; peduncle dichotomous ...	3. *heterophylla.*
8.	Petals horned at back	5. *corniculata.*
	Petals terete at back	6. *japonica.*

9.	Tendrils wanting	10.
	Tendrils present	11.
10.	Cymes as long as the leaves	7. *himalayana.*
	Cymes shorter than petioles	8. *inconstans.*
11.	Cymes dense, short-stalked	9. *pachyphylla.*
	Cymes loose, long-stalked	3. *heterophylla.*
12.	Tendrils wanting	8. *inconstans.*
	Tendrils present	13.
13.	Cymes dichotomous, corymbose; petals spreading	3. *heterophylla.*
	Flowers in elongated panicles; petals cohering at top	14.
14.	Petals 5...	15.
	Petals 4...	10. *repens.*
15.	Leaves when full-grown glabrous ...	11. *flexuosa.*
	Leaves tomentose	16.
16.	Tendrils continuous	12. *Labrusca.*
	Tendrils interrupted	13. *lanata.*

1. **V. cantoniensis**, *Seem.*; Benth. Fl. Hongk. 54. Frequent in ravines and on barren hills, Hongkong; Lantao Island, Hongkong New Territory; Hoifung; Lienchow River; Lofoushan; Macao; Sanning. Fl. ——, June.
2. **V. serjanaefolia**, *Maxim.* in Mél. Biol. ix. 149. Lienchow River. Fl. ——, August.
3. **V. heterophylla**, *Thunb.*; Benth. Fl. Hongk. 53. Cape d'Aguilar, Hongkong; Lantao Island, Hongkong New Territory; Lienchow River. Fl. green, May.
4. **V. planicaulis**, *Hook f.* Bot. Mag. t. 5685. In Happy Valley woods and behind Buddhist Temple, Causeway Bay, Hongkong; Hahang, Hongkong New Territory; Lienchow River; Lofoushan. Fl. yellowish-green, April.
5. **V. corniculata**, Benth. Fl. Hongk. 54. Mt. Gough and Mt. Victoria, Hongkong; Lofoushan. Fl. ——, May.
6. **V. japonica**, *Thunb.*; *Cissus japonica*, Willd.; DC. Prodr. i. 632. Hedges near Chaochaufu, Swatow; Macao. Fl. yellow, April.
7. **V. himalayana**, *Brandis*; Lawson in Hook. f. Fl. Brit. Ind. i. 655. Cultivated in Hongkong; Whampoa. Fl. green, Summer.
8. **V. inconstans**, *Miq.*; *Ampelopsis Veitchii*, Hort.; Gard. Chron. n. s. xiv. 664. Lantao Island, Hongkong New Territory; Lienchow River. Fl. green, July.
9. **V. pachyphylla**, *Hemsl.* Enum. Pl. China i. 135. Pakhoi. Fl. ——, March.
10. **V. repens**, *Wight et Arn.*; *V. cordata*, Benth. Fl. Hongk. 54. Near the seashore at Repulse Bay, Hongkong; on edges of paddy fields, Ngautau, Hongkong New Territory; North River; Lofoushan. Fl. yellow, July.
11. **V. flexuosa**, *Thunb.*; *V. parvifolia*, Roxb.; Benth. l. c. 53. Hill above Wanchai, and Kowloon, Hongkong; Swatow; Lienchow River. Fl. green, July.

12. **V. Labrusca**, *Linn.;* DC. Prodr. i. 634. Stream near Chaochaufu, Swatow; North-west River. Fl. white, July.
13. **V. lanata**, *Roxb.;* Benth. Fl. Hongk. 53. Glenealy Ravine and other ravines on Mt. Victoria, Hongkong. Fl. green, May.

SAPINDACEAE.

Key to genera.

1.	Leaves compound	2.
	Leaves simple	6.
2.	Leaves biternately divided	1. *Cardiospermum.*
	Leaves pinnately divided	3.
3.	Leaves bipinnate	2. *Koelreuteria.*
	Leaves pinnate	4.
4.	Leaves opposite	7. *Turpinia.*
	Leaves alternate	5.
5.	Calyx cupular	4. *Nephelium.*
	Calyx divided to base	3. *Sapindus.*
6.	Leaves alternate	6. *Dodonaea.*
	Leaves opposite	7.
7.	Fruit winged	5. *Acer.*
	Fruit wingless	7. *Turpinia.*

1.—CARDIOSPERMUM.

1. **C. Halicacabum**, *Linn.*; Benth. Fl. Hongk. 46. Climber in hedges and on bushes. Hongkong without locality; Taimoshan at 1500 ft. and Ma-onshan, Hongkong New Territory; Swatow. Fl. white, June.

2.—KOELREUTERIA.

1. **K. minor**, *Hemsl.* in Hook. Ic. Pl. t. 2642. Lienchow River. Fl. unknown.

3.—SAPINDUS.

1. **S. Mukorossi**, *Gaertn.*; DC. Prodr. i. 608. In the Little Hongkong woods, Hongkong; Canton; cultivated at Macao. Fl. white, April.

4.—NEPHELIUM.

Key to species.

Calyx ½ cleft; fruit smooth	1. *Longana.*
Calyx ⅕ cleft; fruit muricate... ...	2. *Litchi.*

1. **N. Longana**, *Camb.*; *Dimocarpus Longana*, Lour. Fl. Cochinch. 233. Naturalised in Hongkong and commonly cultivated in South China. Fl. yellowish, April.

2. **N. Litchi**, *Camb.*; Benth. Fl. Hongk. 47. Aberdeen and Wongneichong, Hongkong; commonly cultivated in Hongkong New Territory and Kwangtung. Fl. yellowish, April.

5.—ACER.

Key to species.

1. Leaves entire	2.
Leaves 3-lobed	1. *Tutcheri.*
2. Leaves usually white beneath; panicle pubescent; wings of fruit suberect	3. *lanceolatum.*
Leaves green; panicle glabrous; wings of fruit divergent	3.
3. Leaves closely net-veined	4. *reticulatum.*
Leaves loosely, obscurely net-veined...	5. *Fabri.*

1. **A. Tutcheri**, *Duthie* in Kew Bull. 1908, 16. Bushy ravines, Lantao Island, at 1400 ft., Hongkong New Territory. Fl. white, March.
2. **A. lanceolatum**, *Molliard* in Bull. Soc. Bot. France, sér. 4, iii. 134. Woods on Mt. Nicholson, Mt. Gough, Mt. Parker and Deepwave Bay, Hongkong; Kwangtung. Fl. green, March.
3. **A. reticulatum**, *Champ.*; Benth. Fl. Hong. 47. Ravines at Pokfulam and Mt. Victoria, Hongkong; Taimoshan at 1500 ft., Hongkong New Territory. Fl. white, January.
4. **A. Fabri**, *Hance* in Journ. Bot. 1884, 76. Lofoushan. Fl. ——.

6.—DODONAEA.

1. **D. viscosa**, *Linn.*; Hiern in Hook. f. Fl. Brit. Ind. i. 697. Stony hills near the sea, Sheko Bay, Hongkong; Lantao Island and estuary of Tailamchung, Hongkong New Territory; Swatow. Fl. greenish, June.

7.—TURPINIA.

Key to species.

Leaves undivided	1. *arguta.*
Leaves pinnate	2. *pomifera*

1. **T. arguta**, *Seem.*; Benth. Fl. Hongk. 48. In ravines on Mt. Victoria and Mt. Gough, Hongkong; Lantao Island, Taimoshan at 1500 ft., Hongkong New Territory; hill near Chaochaufu, Swatow. Fl. yellowish-white, April.
2. **T. pomifera**, *DC.*; *T. nepalensis*, Wall.; Benth. Fl. Hongk. 48. On Mt. Gough and elsewhere, Hongkong; Taipo, Hongkong New Territory. Fl. white, April.

SABIACEAE.

Key to genera.

Stamens equal	1. *Sabia.*
Stamens very unequal	2. *Meliosma.*

1.—SABIA.

Key to species.

1. Leaves pubescent below	1. *Swinhoei.*
Leaves glabrous	2.
2. Leaves thin ; carpels $\frac{3}{8}$-inch	2. *japonica.*
Leaves coriaceous ; carpels $\frac{5}{8}$-inch ...	3. *limoniacea.*

1. **S. Swinhoei,** *Hemsl.* Enum. Pl. China, i. 144. Ravines on the sides of Phoenix Mt., Swatow. Fl. white, April.
2. **S. japonica,** *Maxim.* ; *S. Bullockii,* Hance in Journ. Bot. 1878, 9. Bushy hills near Chaochaufu, Swatow ; North River. Fl. white, April.
3. **S. limoniacea,** *Wall.* ; Benth. Fl. Hongk. 70. Bushy places, Wongneichong, East Point, Mt. Victoria and Mt. Parker, Hongkong ; Taimoshan at 1500 ft., Lienchow River. Fl. white, November.

2.—MELIOSMA.

Key to species.

1. Leaves entire	2.
Leaves with few coarse teeth	1. *rigida.*
2. Leaves ovate-caudate, glabrous, less than twice petiole	2. *squamulata.*
Leaves 5 times longer than petiole ...	3.
3. Leaves linear lanceolate, wholly ferrugineous beneath	3. *patens.*
Leaves linear oblanceolate, pubescent on principal nerves beneath ...	4. *Fordii.*

1. **M. rigida,** *Sieb. et Zucc.* ; *M. pungens,* Hook. f. Fl. Brit. Ind. ii. 4. Hills near Chaochaufu, Swatow. Fl. white May.
2. **M. squamulata,** *Hance* in Journ. Bot. 1876, 364. On Victoria Peak and in Happy Valley woods, Hongkong. Fl. white, April.
3. **M. patens,** *Hemsl.* Enum. Pl. China, i. 145. On Victoria Peak, Chaiwan and Mt. Parker, Hongkong. Fl. white, March.
4. **M. Fordii,** *Hemsl.* l. c. 144. Oak woods on Lofoushan. Fl. white, August.

ANACARDIACEAE.

Key to genera and species.

1. Leaves simple	*Mangifera indica.*
Leaves pinnate	2.
2. Leaves hairy at least on the veins ...	3.
Leaves glabrous on the veins	5.

3. Leaves cottony or tomentose beneath	4.
Leaves strigose on the veins	*Rhus vernicifera.*
4. Petiole cylindric	*Rhus hypoleuca.*
Petiole winged	*Rhus semialata.*
5. Leaves with tufts in nerve exils ...	*Poupartia Fordii.*
Leaves nearly or quite glabrous ...	6.
6. Leaves thin, reticulate; drupe large, glabrous	7.
Drupe small	*Dracontomelum mangiferum.*
7. Drupe flattened, obtuse	*Rhus succedanea.*
Drupe contracted into style	*Pistacia chinensis.*

RHUS.

1. **R. vernicifera,** *DC.*; Engl. in DC. Monogr. Phan. iv. 398. Fl. ——.

2. **R. hypoleuca,** *Champ.*; Benth. Fl. Hongk. 69. Common on the hills in Hongkong; on the Taipo Road and hills above Chinwan, Hongkong New Territory. Fl. cream-coloured, September.

3. **R. semialata,** *Murr.*; Hook. f. Fl. Brit. Ind. ii. 10. Lantao Island and Taimoshan, Hongkong New Territory; Swatow; Hoifung; Whampoa. Fl. cream-coloured, September.

4. **R. succedanea,** *Linn.*; Benth. Fl. Hongk. 69. Common on the hills in Hongkong. Fl. green, April.

PISTACIA.

1. **P. chinensis,** *Bunge*; Engl. in DC. Monogr. Phan. iv. 291. Phoenix Mt., Swatow; Lienchow River. Fl. ——, April.

MANGIFERA.

1. **M. indica,** *Linn.*; Hook. f. Fl. Brit. Ind. ii. 13. Naturalised in Hongkong; hill near Chaochaufu, Swatow. Fl. yellow, March.

POUPARTIA.

1. **P. Fordii,** *Hemsl.* in Hook. Ic. Pl. t. 2557. In the Little Hongkong and Happy Valley woods, Hongkong; in a wood at Taiwai, Hongkong New Territory. Fl. purplish, April.

DRACONTOMELUM.

1. **D. mangiferum,** *Blume*; Hook. f. Fl. Brit. Ind. ii. 43. Commonly cultivated along the West River. Fl. greenish-white, May.

CONNARACEAE.

1.—ROUREA.

Key to species.

Leaves 2–3 inches long	1. *Millettii.*
Leaves under 1 inch long	2. *microphylla.*

1. **R. Millettii,** *Planch.*; *R. santaloides*, Benth. Fl. Hongk. 71. Near Wanchai and Little Hongkong, Hongkong; Lienchow River. Fl. white, June.
2. **R. microphylla,** *Planch.*; Benth. l. c. Abundant on the mountains, Hongkong; Canton; Ookaisa; Lofoushan. Fl. white, June.

LEGUMINOSAE.

Key to genera.

1.	Leaves trifoliate, pinnate or bipinnate	2.
	Leaves simple, 2-lobed or 2-foliate ...	4.
2.	Leaves trifoliate	15.
	Leaves pinnate or bipinnate	3.
3.	Leaves pinnate	40.
	Leaves bipinnate	66.
4.	Leaves simple	5.
	Leaves 2-lobed or 2-foliate	14.
5.	Pods articulate	7.
	Pods continuous	6.
6.	Stamens connate	10.
	Stamens free	48. *Bowringia* (p. 87).
7.	Tree	8.
	Herb or shrub	9.
8.	Leaves orbicular	56. *Cercis* (p. 90).
	Leaves oblong	9.
9.	Flowers small, in round heads ...	64. *Acacia* (p. 92).
	Flowers large	11.
10.	Pod inflated	25.
	Pod compressed, 1–2-seeded ...	42. *Eriosema* (p. 85).
11.	Pod folded into the calyx ...	17.
	Pod straight or curved	12.
12.	Leaflets with stipels	13.
	Leaflets exstipellate	13. *Geissaspis* (p. 77).
13.	Joints of pod turgid, slightly compressed	20. *Alysicarpus* (p. 80).
	Joints of pod flat	16. *Desmodium* (p. 78).
14.	Small herb	15. *Zornia* (p. 78).
	Tree or climbing shrub	55. *Bauhinia* (p. 90).
15.	Pod articulate	16.
	Pod continuous	18.
16.	Pod folded into the calyx ...	17.
	Pod straight or curved	16. *Desmodium* (p. 78).
17.	Terminal leaflet oblate	19. *Lourea* (p. 80).
	Terminal leaflet ovate	18. *Uraria* (p. 80).

18. Ovary and pod one-seeded ... 19.
Ovary and pod two- or more- seeded 20.
19. Pod very small, reniform ... 2. *Medicago* (p. 74).
Pod flat reticulate ... ... 21. *Lespedeza* (p. 81).
20. Ovary 2-ovuled ... ... 41. *Rhynchosia* (p. 85).
Ovary 3- or more-ovuled ... 21.
21. Keel spirally twisted ... ... 22.
Keel straight or curved ... ... 23.
22. Calyx truncate ... ... 29. *Apios* (p. 83).
Calyx dentate ... ... 34. *Phaseolus* (p. 84).
23. Keel much exceeding the other petals ... ... 30. *Mucuna* (p. 83).
Petals equal or keel shorter ... 24.
24. Pod inflated ... ... 25.
Pod not inflated ... ... 27.
25. Leaves digitately trifoliate ... 26.
Leaves pinnately trifoliate ... 17. *Pycnospora* (p. 80).
26. Keel beaked ... ... 1. *Crotalaria* (p. 73).
Keel obtuse ... ... 43. *Flemingia* (p. 85).
27. Erect or decumbent non-scandent plant ... ... 28.
Climbing plant ... ... 31.
28. Hairs attached by centre... ... 4. *Indigofera* (p. 75).
Hairs normal ... ... 29.
29. Flowers few, axillary ... ... 27. *Glycine* (p. 82).
Flowers in crowded racemes or heads ... ... 30.
30. Weak straggling plant ... ... 2. *Medicago* (p. 74).
Erect herb ... ... 3. *Melilotus* (p. 75).
31. Flowers clustered along raceme or axillary ... ... 37.
Flowers scattered along raceme... 32.
32. Plant subglabrous or shortly pubescent ... ... 33.
Plant coarsely hairy ... ... 32. *Pueraria* (p. 83).
33. Leaflets large, acute or bluntly acuminate ... ... 34.
Leaflets small, retuse ... ... 31. *Galactia* (p. 83).
34. Upper lip of calyx very large ... 33. *Canavalia* (p. 83).
Calyx nearly regular ... ... 35.
35. Terminal leaflet sharply 3- or more-lobed ... ... 35. *Pachyrhizus* (p. 84).
Leaflets entire ... ... 36.
36. Pods string-like, pendent ... 34. *Vigna* (p. 84).
Pods stiff ... ... 37. *Dolichos* (p. 84).
37. Pods sharply constricted between seeds ... ... 39.
Pods even ... ... 38.
38. Leaves eglandular ... ... 27. *Glycine* (p. 82).
Leaves with resinous glands ... 39. *Dunbaria* (p. 85).
39. Constricted lines of pod oblique ... 38. *Cajanus* (p. 84).
Constricted lines of pod transverse 39a.

39a.	Racemes short, few-flowered ...	40. *Atylosia* (p. 85).
	Racemes long, many-flowered ...	39. *Dunbaria* (p. 85).
40.	Stamens all separate	42.
	Stamens united into one or more groups	41.
41.	Stamens 3	55. *Tamarindus* (p. 90).
	Stamens 10	47.
42.	Petals 3, obovate, stalked ...	58. *Lysidice* (p. 90).
	Petals 5	43.
43.	Petals flat, patent	54. *Cassia* (p. 89).
	Petals erect	44.
44.	Pod indehiscent	45.
	Pod 2-valved	50. *Ormosia* (p. 87).
45.	Pod flat	46.
	Pod moniliform	49. *Sophora* (p. 87).
46.	Inflorescence terminal	47. *Cladastris* (p. 86).
	Inflorescence axillary	53. *Gleditschia* (p. 89).
47.	Herb or erect shrub	48.
	Tree or climbing or decumbent shrub	59.
48.	Pod articulate	49.
	Pod continuous	53.
49.	Leaflets linear, crowded	50.
	Leaflets ovate	52.
50.	Leaves pinnate, long tapering ...	51.
	Leaves short, ovate	12. *Smithia* (p. 77).
51.	Pods square in section	9. *Sesbania* (p. 77).
	Pod flat	11. *Aeschynomene* (p. 77).
52.	Fruit subterranean (ground nut)	14. *Arachis* (p. 78).
	Fruit normal	15.
53.	Standard much larger than the other petals	27. *Clitoria* (p. 82).
	Petals about equal	54.
54.	Leaflets serrate	22. *Cicer* (p. 81).
	Leaflets entire	55.
55.	Stem climbing	56.
	Stem erect...	63.
56.	Keel involute	29. *Apios* (p. 83).
	Keel straight or curved	57.
57.	Twiner	26. *Abrus* (p. 82).
	Tendril climber	58.
58.	Stipules larger than leaflets ...	24. *Pisum* (p. 82.).
	Stipules small	22. *Vicia* (p. 81).
59.	Tree or herb	60.
	Climbing or decumbent shrub ...	64.
60.	Racemes in clusters from the old wood	7. *Fordia* (p. 77).
	Racemes axillary	61.
61.	Hairs attached by centre (large shrub)	4. *Indigofera* (p. 75).
	Hairs normal	62.
62.	Tree	62a.
	Herb	10. *Astragalus* (p. 77).

62a. Leaflets stipellate... ... ... 6. *Millettia* (p. 76).
Leaflets exstipellate ... ... 46. *Pongamia* (p. 86).
63. Hairs attached by centre ... 4. *Indigofera* (p. 75).
Hairs normal ... ... 75.
64. Flowers in crowded dichotomous cymes ... ... 44. *Dalbergia* (p. 85).
Flowers in racemes, panicles or racemose cymes ... ... 65.
65. Leaflets stipellate... ... ... 6. *Millettia* (p. 76).
Leaflets exstipellate ... ... 45. *Derris* (p. 86).
66. Flowers large, distinct ... ... 67.
Flowers small, crowded in heads or spikes ... ... 68.
67. Pod many-seeded ... ... 51. *Caesalpinia* (p. 88).
Fruit samaroid ... ... 52. *Pterolobium* (p. 89).
68. Flowers crowded into spikes ... 69.
Flowers in round heads ... ... 70.
69. Leaflets ovate, acuminate ... 59. *Erythrophloeum* (p. 90).
Leaflets oblong, obtuse ... ... 60. *Adenanthera* (p. 90).
70. Herb or shrub ... ... 71.
Tree ... ... 72.
71. Pod prickly ... ... 62. *Mimosa* (p. 91).
Pod smooth ... ... 61. *Desmanthus* (p. 91).
72. Stamens definite ... ... 63. *Leucaena* (p. 91).
Stamens indefinite ... ... 73.
73. Stamens united ... ... 74.
Stamens free ... ... 64. *Acacia* (p. 92).
74. Pod straight ... ... 65. *Albizzia* (p. 92).
Pod circinnate ... ... 66. *Pithecolobium* (p. 92).
75. Leaflets under $\frac{1}{2}$ inch long ... 26. *Abrus* (p. 82).
Leaflets over 1 inch long ... 27. *Tephrosia* (p. 82).

1.—CROTALARIA.

Key to species.

1. Leaves trifoliate ... ... 2.
Leaves simple ... ... 4.
2. Racemes 2–6-flowered ... ... 1. *medicaginea*.
Racemes 10- or more-flowered ... 3.
3. Flowers $\frac{3}{4}$ inch long ... ... 2. *striata*.
Flowers $\frac{3}{8}$ inch long ... ... 3. *elliptica*.
4. Flowers not or hardly exceeding the calyx ... ... 5.
Flowers much longer than the calyx 11.
5. Stem winged ... ... 5. *alata*.
Stem wingless ... ... 6.
6. Calyx clothed with long reddish hairs 7.
Calyx glabrous, pubescent or velvety 8.
7. Pod included in the calyx ... ... 6. *linifolia*.
Pod far exceeding the calyx ... ... 7. *albida*.
8. Pod included in the calyx ... ... 9.
Pod far exceeding the calyx ... ... 8. *ferruginea*.

9. Calyx densely hairy ... ... 10.
   Calyx thinly hairy ... ... 9. *chinensis.*
10. Calyx about 1 inch long ... ... 10. *calycina.*
   Calyx about ½ inch long ... ... 11. *sessiliflora.*
11. Leaves retuse, midrib not excurrent 4. *retusa.*
   Leaves rounded at top, apiculate ... 12. *assamica.*

1. **C. medicaginea,** *Linn.*; Baker in Hook. f. Fl. Brit. Ind. ii. 81. Samyung, West River. Fl. yellow, June.
2. **C. striata,** *DC.*; Baker l. c. 84. Roadsides at Wongneichong and elsewhere, Hongkong; Dane's Island, Whampoa. Fl. yellow, November.
3. **C. elliptica,** *Roxb.*; Benth. Fl. Hongk. 75. Roadsides at Causeway Bay, Shaukiwan and Victoria Road, and Stonecutters' Island, Hongkong; Taipo Road and Mirs Bay, Hongkong New Territory; Macao; Pakhoi. Fl. yellow, August.
4. **C. retusa,** *Linn.*; Benth. l. c. 74. Seashore at Deepwater Bay, Hongkong; Pengchau Island, Hongkong New Territory; Macao. Fl. yellow, tinged with purple, December.
5. **C. alata,** *Ham.*; Baker in Hook. f. Fl. Brit. Ind. ii. 69. Swatow district. Fl. yellow, April.
6. **C. linifolia,** *Linn. f.*; Baker l. c. 72. Kowloon, Hongkong; West River below Fangchun. Fl. pale yellow, September.
7. **C. albida,** *Heyne*; Benth. Fl. Hongk. 74. North Point and Mt. Parker North, Hongkong; Kowloon catchwater, Hongkong New Territory; Lienchow River; Lofoushan. Fl. pale yellow, September
8. **C. ferruginea,** *Grah.*; Baker in Hook. f. Fl. Brit. Ind. ii. 68. Lienchow River; Lofoushan. Fl. yellow, August.
9. **C. chinensis,** *Linn.*; Baker l. c. 73. Lantao Island, Hongkong New Territory; Hoifung; White Cloud Hills near Canton. Fl. yellow, Angust.
10. **C. calycina,** *Schranck*; Benth. Fl. Hongk. 74. Shaukiwan and Repulse Bay, Hongkong; Macao. Fl. pale yellow, July.
11. **C. sessiliflora,** *Linn.*; *C. brevipes*, Champ.; Benth. l. c. East Point, Hongkong; Macao; Pakhoi; Lofoushan. Fl. blue-white, August.
12. **C. assamica,** *Benth.*; Baker in Hook. f. Fl. Frit. Ind. ii. 75. Lofoushan. Fl. yellow, September.

2.—MEDICAGO.

Key to species.

Pods globular ... ... 1. *lupulina.*
Pods linear ... ... 2. *falcata.*

1. **M. lupulina,** *Linn.*; Benth. Fl. Hongk. 75. Grassy places, Hongkong without locality; Swatow. Fl. yellow, May.
2. **M. falcata,** *Linn.*; DC. Prodr. ii. 172. Lucerne, cult. and naturalised in Hongkong. Fl. yellow, ——.

3.—MELILOTUS.

1. **M. macrorhiza**, *Pers.*; DC. Prodr. ii. 187. Abundant in places along the West River. Fl. yellow, July.

4.—INDIGOFERA.

1.	Leaflets, 3	2.
	Leaflets 5 or more	4.
2.	Flowers sessile, axillary, gemminate ...	1. *chinensis.*
	Flowers in very short many-flowered racemes	3.
3.	Terminal leaflet stalked	2. *trita.*
	Terminal leaflet sessile	3. *trifoliata.*
4.	Flowers small, $\frac{1}{8}$ to $\frac{1}{4}$ inch	5.
	Flowers larger	8.
5.	Leaves nearly sessile, 5–9-foliate ...	4. *endecaphylla.*
	Leaves 9–17-foliate, petiole $\frac{1}{2}$ to 1 inch	6.
6.	Leaflets under 1 inch	7.
	Leaflets over 1 inch	5. *atropurpurea.*
7.	Pods curved	6. *Anil.*
	Pods straight	7. *tinctoria.*
8.	Plant hirsute with reddish hairs ...	8. *hirsuta.*
	Plant glabrous or nearly so	9.
9.	Leaflets reticulate	9. *venulosa.*
	Leaflets smooth	10. *decora.*

1. **I. chinensis**, *Vogel*; Walp. Rep. i. 669. Near Macao. Fl. ——, Spring?
2. **I. trita**, *Linn. f.*; DC. Prodr. ii. 232. Canton. Fl. red, ——.
3. **I. trifoliata**, *Linn.*; Baker in Hook. f. Fl. Brit. Ind. ii. 96. Canton and Lienchow River. Fl. purplish-red, August.
4. **I. endecaphylla**, *Jacq.*; Benth. Fl. Hongk. 76. Hongkong without locality; Ngauchiwan, Hongkong New Territory. Fl. pink, August.
5. **I. atropurpurea**, *Ham.*; DC. Prodr. ii. 225. Shiuhing Pass, W. River; Fukwing, Canton River, near Hongkong. Fl. dark red, May–June.
6. **I. Anil**, *Linn.*; Benth. Fl. Hongk. 77. On roadsides and other waste places, Hongkong; Pakhoi. Fl. yellow, ——, Spring?
7. **I. tinctoria**, *Linn.*; Baker in Hook. f. Fl. Brit. Ind. ii. 99. Lantao Island and Lamtsun, Hongkong New Territory; Swatow; Lienchow River. Fl. pink, May–September.
8. **I. hirsuta**, *Linn.*; Benth. Fl. Hongk. 76. Wongneichong and Aberdeen-Pokfulam Road, Hongkong; Castle Peak, Hongkong New Territory; Macao. Fl. red, September.
9. **I. venulosa**, *Champ.*; Benth. l.c. 77. North side of Mt. Victoria and Mt. Gough, Hongkong; Lantao Island, Hongkong New Territory. Fl. reddish-lilac, April.
10. **I. decora**, *Lindl.*; Benth. l.c. 77. Hongkong without locality. Fl. pink, Spring.

5.—TEPHROSIA.

Key to species.

Leaflets ovate-oblong	1. *vestita.*
Leaflets linear-oblanceolate	2. *purpurea.*

1. **T. vestita,** *Vogel* in Walp. Rep. i. 674. Lantao, Hongkong New Territory; Macao. Fl. ——, July.
2. **T. purpurea,** *Pers.*; Benth. Fl. Hongk. 78. East Point and Cape d'Aguilar, Hongkong. Fl. purple, April.

T. Tutcheri, Dunn and *T. oraria*, Hance, are forms of *Millettia pulchra*, Benth.

6.—MILLETTIA.

Key to species.

1. Inflorescence racemose	7. *pulchra.*
Inflorescence paniculate	2.
2. Corolla densely velvety	3.
Corolla subglabrous	4.
3. Leaflets downy below while young; standard papery	1. *Dielsiana.*
Leaflets glabrous, acuminate; standard leathery	2. *nitida.*
4. Calyx densely velvety	3. *speciosa.*
Calyx subglabrous	5.
5. Flowers purple, blackening on drying...	4. *reticulata.*
Flowers pale on drying	6.
6. Calyx glabrous, corolla greenish ...	5. *Championi.*
Calyx pubescent, corolla rose-coloured	6. *cognata.*

1. **M. Dielsiana,** *Harms* in Engl. Jahrb. xxix. 412. Amongst big boulders in a ravine at Cape d'Aguilar, Hongkong*; Taimoshan at 1500 feet, Hongkong New Territory; Swatow; Lienchow River. Fl. reddish-purple, August.
2. **M. nitida,** *Benth.* Fl. Hongk. 78. Very common in Hongkong; Kanghau, Hongkong New Territory; Lofoushan. Fl. purple, July.
3. **M. speciosa,** *Champ.*; Benth. l. c. 78. On Bowen Road, Pokfulam and Victoria Peak, Hongkong; Kanghau and Hahang, Hongkong New Territory; Lienchow River. Fl. white, September.
4. **M. reticulata,** *Benth.* in Miq. Pl. Jungh. i. 249. Aberdeen, Taitam Tuk and Repulse Bay, Hongkong; Maönshan, Hongkong New Territory; North River. Fl. dark purple, May.
5. **M. Championi,** *Benth.* Fl. Hongk. 79. On Mt. Gough, Mt. Parker and in the Happy Valley woods, Hongkong; Lantao island and Maönshan, Hongkong New Territory; Lienchow River. Fl. greenish-white, July.

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* This liane is placed here with doubt and may prove to be a distinct species.

6. **M. cognata**, *Hance* in Journ. Bot. 1880, 260. Lienchow River. Fl. rose-coloured, ——.
7. **M. pulchra**, *Benth.*; Hook. f. Fl. Brit. Ind. ii. 104. On the hills behind Aberdeen, Mt. Kellet, Little Hongkong, Sheko, Cape D'Aguilar, Hongkong; Lantao and hill on west of S. face of tunnel, Hongkong New Territory; Lienchow River. Fl. purple, April-August.

7.—FORDIA.

1. **F. cauliflora**, *Hemsl.* Enum. Pl. China, i. 160. On the West and Lienchow Rivers. Fl. rose-coloured, July.

8.—WISTARIA.

1. **W. chinensis**, *DC.* Prodr. ii. 390. In the Happy Valley woods, Hongkong. Fl. pale blue, March.

9.—SESBANIA.

1. **S. aculeata**, *Pers.*; Baker in Hook. f. Fl. Brit. Ind. ii. 114. Hoifung. Fl. yellow, September.

10.—ASTRAGALUS.

1. **A. sinicus**, *Linn.*; *A. lotoides*, Lam.; DC. Prodr. ii. 282. In fields near Chaochaufu, Swatow; Macao. Fl. pink, April.

11.—AESCHYNOMENE.

1. **A. indica**, *Linn.*; Benth. Fl. Hongk. 79. East Point, Hongkong; Macao; Pakhoi. Fl. yellow, August.

12.—SMITHIA.

Key to species.

1. Leaflets bristly	2.
Leaflets not bristly	1. *salsuginea.*
2. Racemes and leaves crowded at ends of branches	2. *conferta.*
Racemes and leaves not crowded at ends of branches	3. *sensitiva.*

1. **S. salsuginea**, *Hance* in Journ. Bot. 1869, 164. Kowloon, opposite Hongkong. Fl. yellow, October.
2. **S. conferta**, *Sm.*; DC. Prodr. ii. 323. Lantao Island, Hongkong New Territory; Swatow District. Fl. yellow, ——.
3. **S. sensitiva**, *Ait.*; DC. l. c. 323. In marshy spots near Canton. Fl. yellow, October.

13.—GEISSASPIS.

1. **G. cristata**, *Wight et Arn.*; Baker in Hook. f. Fl. Brit. Ind. ii. 141. Deepwater Bay, salt marshes Kowloon, Hongkong; Lienchow River. Fl. ——, August.

14.—ARACHIS.

1. **A. hypogaea**, *Linn.*; DC. Prodr. ii. 474. Cultivated in Hongkong and Kwangtung. Fl. yellow, June.

15.—ZORNIA.

1. **Z. diphylla**, *Pers.*; Benth. Fl. Hongk. 80. Victoria Peak, Mt. Gough and Stonecutters' Island, Hongkong; Lantao Island, Hongkong New Territory; near Chaochaufu; Macao; Pakhoi. Fl. yellow, April.

16.—DESMODIUM.

Key to species.

1.	Pod crenate on one side, not articulate; leaflets 3, terminal largest ...	1. *gyroides.*
	Pod articulate	2.
2.	Erect shrub	3.
	Perennial herb, sometimes woody below	7.
3.	Leaves 1-foliate	2. *triquetrum.*
	Leaves 3-foliate	4.
4.	Bracts persistent, orbicular	5.
	Bracts elongate, small, deciduous ...	6.
5.	Pod silky, joints usually 3	3. *elegans.*
	Pod subglabrous, joints 1-2	4. *pulchellum.*
6.	Inflorescence axillary	5. *Cephalotes.*
	Inflorescence terminal	6. *laburnifolium.*
7.	End leaflet 4-6 times as long as broad; pod subglabrous	7. *gyrans.*
	End leaflet 2-3 times as long as broad; pod pubescent	1. *gyroides.*
8.	Leaves 1-foliate	9.
	Leaves 3-foliate	11.
9.	Leaves glabrous above	10.
	Leaves downy above	8. *latifolium.*
10.	Leaves rotundate	9. *retroflexum.*
	Leaves oblong	10. *gangeticum.*
11.	Inflorescence on very short axillary branches; leaves small; stems procumbent	12.
	Inflorescence terminal	13.
12.	Peduncles axillary, 3-flowered ...	11. *triflorum.*
	Peduncles some or all racemose ...	14.
13.	Leaflets small, obtuse; racemes short	15.
	Leaflets large, attenuate; racemes very long	16.
14.	Peduncles all racemose	12. *parvifolium.*
	Peduncles 3-flowered and racemose ...	13. *heterophyllum.*
15.	Leaflets membranous	14. *polycarpum.*
	Leaflets coriaceous	15. *reticulatum.*
16.	Pod little indented	16. *laxiflorum.*
	Pod deeply partite	17.

17. Stem leafy ... ... 17. *podocarpum.*
Leaves crowded into a rosette at the branch ends ... ... 18. *Gardneri.*

1. D. gyroides, *DC.*; Baker in Hook. f. Fl. Brit. Ind. ii. 175. Lofoushan. Fl. purple, September.
2. D. triquetrum, *DC.*: Benth. Fl. Hongk. 83. Mt. Victoria, Mt. Gough, Mt. Kellet and Chaiwan, Hongkong; Hongkong New Territory without locality; Swatow; Macao; Lofoushan. Fl. purple, July.
3. D. elegans, *Benth.* l.c. 83. Common on roadsides in Hongkong; Hongkong New Territory without locality; Lofoushan; Whampoa. Fl. ——, September.
4. D. pulchellum, *Benth.* l. c. 83. Mt. Gough and East Point, Hongkong; Mawan, Hongkong New Territory; Swatow; Whampoa; Macao; Pakhoi. Fl. yellowish, September.
5. D. Cephalotes, *Wall.*; Baker in Hook. f. Fl. Brit. Ind. ii. 161. Banks of the West River. Fl. ——, July.
6. D. laburnifolium, *DC.*; Baker l. c. 163. At Fanling, Hongkong New Territory; Lanfa Mt., Hoifung; Lienchow River; woods in the gorges of Tsingyun, North River. Fl. white, August.
7. D. gyrans, *DC.*; Baker l. c. 174. Lienchow River. Fl. purple, August.
8. D. latifolium, *DC.*; Baker l. c. 168. East Point on roadsides, Hongkong; Swatow. Fl. purple, October.
9. D. retroflexum, *DC.*; Baker l. c. 170. Lantao Island and near Sanwai. Hongkong New Territory; hills around Whampoa. Fl. ——, August.
10. D. gangeticum, *DC.*; Benth. Fl. Hongk. 84. Roadsides about Mt. Gough, Hongkong; near Chaochaufu, Swatow; near Canton. Fl. purple, April—August.
11. D. triflorum, *DC.*; Benth. l. c. 83. Common on lawns in gardens and at Chaiwan, Hongkong; Pakhoi. Fl. purple, July.
12. D. parvifolium, *DC.*; Benth. l. c. 84. Hongkong without locality; Lantao Island, Hongkong New Territory; Lienchow River. Fl. pink, August.
13. D. heterophyllum, *DC.*; Baker in Hook. f. Fl. Brit. Ind. ii. 173. Pakhoi. Fl. pink, ——.
14. D. polycarpum, *DC.*; Benth. Fl. Hongk. 84. Kennedy Road and elsewhere, common in Hongkong; Lantao Island, Hongkong New Territory; Whampoa; West River. Fl. purple, October.
15. D. reticulatum, *Champ.*; Benth. l. c. Grassy places, Pokfulam, Hongkong; Lantao Island, Hongkong New Territory; Whampoa; Macao; Pakhoi. Fl. ——, June—August.
16. D. laxiflorum, *DC.*; Baker in Hook. f. Fl. Brit. Ind. ii. 164. Lofoushan. Fl. blue, September.
17. D. podocarpum, *DC.*; Baker l. c. 165. Kwaisin, near Hoifung; Lofoushan. Fl. pink, August.
18. D. Gardneri, *Benth.*; Baker l. c. Lanfa Mt., Hoifung; Lofoushan. Fl. red, August.

17.—PYCNOSPORA.

1. **P. hedysaroides,** *R. Br.*; Benth. Fl. Hongk. 91. Hillsides Pokfulam, Hongkong. Fl. ——, August.

18.—URARIA.

Key to species.

1.	Leaves pinnate	2.
	Leaves 1-3-foliate	1. *lagopoides.*
2.	Leaflets linear	2. *picta.*
	Leaflets ovate	3. *crinita.*

1. **U. lagopoides,** *DC.*; Baker in Hook. f. Fl. Brit. Ind. ii. 156. Lantao Island, Hongkong New Territory; in waste grassy places, Canton; Lienchow River. Fl. ——, August--October.
2. **U. picta,** *Desv.*; Baker l. c. 155. Capsuimun, Hongkong New Territory. Fl. purple, July.
3. **U. crinita,** *Desv.*; Benth. Fl. Hongk. 81. Mt. Victoria and Mt. Gough, Hongkong; Lantao Island and Kanghau, Hongkong New Territory; Lofoushan. Fl. mauve, June.

19.—LOUREA.

Key to species.

Terminal leaflet truncate, broader than long	1. *obcordata.*
Terminal leaflet ovate	2. *campanulata.*

1. **L. obcordata,** *Desv.*; Benth. Fl. Hongk. 82. Hongkong without locality; ramparts of Canton. Fl. blue, June—September.
2. **L. campanulata,** *Benth.*; Hook. f. Fl. Brit. Ind. ii. 155. Lofoushan. Fl. ——, August.

20.—ALYSICARPUS.

Key to species.

1.	Calyx a little shorter than first joint of pod	1. *vaginalis.*
	Calyx much longer than first joint of pod	2.
2.	Joints of pod transversely ribbed ...	2. *rugosus.*
	Joints of pod smooth	3. *bupleurifolius.*

1. **A. vaginalis,** *DC.*; Benth. Fl. Hongk. 80. On Chaiwan beach, Hongkong; Canton; Sanning; Pakhoi. Fl. blue, September.
2. **A. rugosus,** *DC.*; Baker in Hook. f. Fl. Brit. Ind. ii. 159. Kwangtung? Fl. yellow, ——.
3. **A. bupleurifolius,** *DC.*; Benth. Fl. Hongk. 81. Hongkong without locality; Hongkong New Territory without locality; Canton. Fl. purple, September.

21.—LESPEDEZA.

Key to species.

1. Stipules and bracts broad, persistent; small, procumbent shrub ...	...	1. *striata.*
Stipules and bracts small ...	...	2.
2. Leaflets narrow, cuneate, truncate	...	2. *juncea.*
Leaflets ovate	...	3.
3. Racemes shorter than leaves ...	...	3. *cyclobotrya.*
Racemes longer than leaves ...	...	4.
4. Calyx segments linear	...	4. *chinensis.*
Calyx segments ovate	...	5.
5. Calyx $\frac{1}{5}$-shorter than sessile pod	...	5. *macrocarpa.*
Calyx $\frac{1}{3}$-shorter than stipitate pod	...	6. *viatorum.*

1. **L. striata,** *Hook. et Arn.*; Benth. Fl. Hongk. 85. Wongneichong, Hongkong; Canton; Macao. Fl. dark purple, September.
2. **L. juncea,** *Pers.*; *L. cuneata*, G. Don; Benth. l. c. Shaukiwan, Hongkong; Castle Peak, Hongkong New Territory; Lintin Island, near Hongkong; common on low hills near Canton; Lienchow River. Fl. pink-purple, August.
3. **L. cyclobotrya,** *Miq.* in Ann. Mus. Bot. Lugd. Bat. i. 48. Pengchau Island, Hongkong New Territory; Swatow; Lienchow River. Fl. red, Autumn.
4. **L. chinensis,** *G. Don*; Maxim. in Acta Hort. Petrop. ii. 367. Macao. Fl. ——, May-October.
5. **L. macrocarpa,** *Bunge*; Maxim. l. c. 351. Lienchow River. Fl. white, August.
6. **L. viatorum,** *Champ.*; Benth. Fl. Hongk. 86. Common on roadsides on the south side of the island, Hongkong; Taimoshan, Hongkong New Territory; Lofoushan. Fl. purple, October, November.

22.—CICER.

1. **C. arietinum,** *Linn.*; Baker in Hook. f. Fl. Brit. Ind. ii. 176. Kowloon opposite Hongkong. Fl. ——, April.

23.—VICIA.

Key to species.

1. Ovules 2	...	1. *hirsuta.*
Ovules 4 or more	...	2.
2. Ovules 4	...	2. *tetrasperma.*
Ovules more than 4	...	3. *sativa.*

1. **V. hirsuta,** *Koch*; *Ervum hirsutum*, Linn.; DC. Prodr. ii. 366. On Victoria Peak and at East Point, Hongkong. Fl. white, March.
2. **V. tetrasperma,** *Moench*; Baker in Hook. f. Fl. Brit. Ind. ii. 177. In fields near Chaochaufu. Fl. blue, April.
3. **V. sativa,** *Linn.*; DC. Prodr. ii. 360. On waste ground at East Point, Hongkong; Swatow. Fl. reddish-blue, April.

24.—LATHYRUS.

1. **L. Aphaca,** *Linn.*; DC. l. c. 372. Kowloon in cultivated ground. Fl. yellow, ——.

25.—PISUM.

1. **P. sativum,** *Linn.*; DC. l. c. 368. Cultivated in Hongkong and Kowloon. Fl. white, Winter.

26.—ABRUS.

Key to species.

1.	Diffuse shrub 1–2 ft. high	1. *cantoniensis.*
	Climbing plant	2.
2.	Plant subglabrous	2. *precatorius.*
	Petiole fulvo-villous	3. *mollis.*

1. **A. cantoniensis,** *Hance* in Journ. Bot. 1868, 112. Hedges, Lantao Island, Hongkong New Territory; White Cloud hills near Canton; Whampoa. Fl. reddish, August.
2. **A. precatorius,** *Linn.*; Benth. Fl. Hongk. 92. Stanley, Hongkong; Chinwan, Hongkong New Territory. Fl. pink, white or nearly purple, August.
3. **A. mollis,** *Hance* in Journ. Bot. 1871, 130. Shekmun near Canton; White Cloud hills; North west River. Fl. rosy-purple, August.

27.—CLITORIA.

Key to species.

Erect herb or small shrub about 1 ft. high	1. *Hanceana.*
Climber	2. *Ternatea.*

1. **C. Hanceana,** *Hemsl.* Enum. Pl. China, i. 187. Alongside path leading up to Lion Rock Pass, behind Kowloon City, Hongkong New Territory; waste places along the North River. Fl. white, June.
2. **C. Ternatea,** *Linn.*; Baker in Hook. f. Fl. Brit. Ind. ii. 208. Victoria Rd., Pokfulam, Hongkong. Fl. blue, Summer.

28.—GLYCINE.

Key to species.

Leaflets 3-4 inches long, broadly ovate	1. *hispida.*
Leaflets under 2 inches long, oblong ...	2. *tabacina.*

1. **G. hispida,** *Maxim.*; *Soja hispida*, Moench; DC. Prodr. ii. 396. Near Chaochaufu, an escape from cultivation. Fl. blue, April.
2. **G. tabacina,** *Benth.*; Walp. Ann. vii. 780. Grassy places, Whampoa. Fl. purplish, May.

29.—APIOS.

1. **A. Fortunei,** *Maxim.* in Mél. Biol. ix. 67. Bushy places along the Lienchow River. Fl. green and red, June.

30.—MUCUNA.

Key to species.

1. Flowers purple; pod with oblique folds	2.
Flowers white; pod without folds ...	1. *Birdwoodiana.*
2. Leaves glabrous beneath; flowers 3 inches long	2. *macrobotrys.*
Leaves silky beneath; flowers 2 inches long	3. *Championi.*

1. **M. Birdwoodiana,** *Tutcher* in Journ. Linn. Soc. Bot. xxxvii. 64. Bushy places on Mt. Parker and Mt. Gough, Hongkong; Taimoshan, Hongkong New Territory; Lofoushan. Fl. ivory-white, April.
2. **M. macrobotrys,** *Hance*; Benth. Fl. Hongk. 87. Near the Buddhist Temple, Causeway Bay, Hongkong. Fl. purple, ——.
3. **M. Championi,** *Benth.* l. c. 87. Near the Buddhist Temple, Causeway Bay, Hongkong; Hongkong New Territory without locality; Lienchow River. Fl. purple, March.

31.—GALACTIA.

1. **G. tenuiflora,** *Wight et Arn.*; Baker in Hook. f. Fl. Brit. Ind. ii. 192. Lienchow River. Fl. reddish, August.

32.—PUERARIA.

Key to species.

Flowers ½-inch long, crowded; pod hairy with spreading hairs	1. *Thunbergiana.*
Flowers ⅓-inch long, lax; pod adpressed-hairy	2. *phaseoloides.*

1. **P. Thunbergiana,** *Benth.*; *Neustanthus chinensis*, Benth. Fl. Hongk. 86. Common in Hongkong, climbing over shrubs; Kwaisin, Hoifung. Fl. bluish-purple, September.
2. **P. phaseoloides,** *Benth.*; *Neustanthus phaseoloides*, Benth. l. c. 86. Common in Hongkong; on the Taipo Road, Hongkong New Territory; on the bank of the Han River, Swatow. Fl. light purple, August.

33.—CANAVALIA.

Key to species.

Leaves ovate-oblong, usually acute ...	1. *ensiformis.*
Leaves obovate, usually obtuse or retuse	2. *obtusifolia.*

1. **C. ensiformis**, *DC.*; *C. gladiata*, DC.; Benth. Fl. Hongk. 88. Little Hongkong and Victoria Peak, Hongkong; Three Fathoms Cove, Hongkong New Territory; French Island, Whampoa. Fl. rosy-purple, July.
2. **C. obtusifolia**, *DC.*; Baker in Hook. f. Fl. Brit. Ind. ii. 196. Near Stanley, Hongkong; Lantao Island, Hongkong New Territory. Fl. purple, September.

34.—PHASEOLUS.

Key to species.

1. Plant hairy, usually densely so	...	1. *Mungo.*
Plant quite or nearly glabrous	...	2.
2. Leaflets lanceolate	...	2. *minimus.*
Leaflets ovate	...	3.
3. Flowers $\frac{3}{8}$-inch; pod oblong ...	...	4. *lunatus.*
Flowers $\frac{5}{8}$-inch; pod lineal ...	...	3. *chrysanthus.*

1. **P. Mungo**, *Linn.*; Baker in Hook. f. Fl. Brit. Ind. ii. 203. Lienchow River. Fl. yellow, August.
2. **P. minimus**, *Roxb.*; Benth. Fl. Hongk. 88. Mt. Gough, Hongkong; Hongkong New Territory without locality; Lofoushan. Fl. greenish-yellow, August–September.
3. **P. chrysanthus**, *Savi*; DC. Prodr. ii. 395. Lantao Island and Plovers' Cove, Hongkong New Territory; near Chaochaufu, Swatow. Fl. yellow, April.
4. **P. lunatus**, *Linn.*; Hook. f. Fl. Brit. Ind. ii. 200. Chaochaufu. Fl. ——.

35.—VIGNA.

1. **V. sinensis**, *Hassk.*; *V. Catiang*, Miq.; Baker in Hook. f. Fl. Brit. Ind. ii. 205. Cultivated in Hongkong and Kwangtung. Fl. white, May.

36.—PACHYRHIZUS.

1. **P. angulatus**, *Rich.*; Baker l. c. 209. Hongkong; Hongkong New Territory; Sanning; Lienchow River, cultivated. Fl. yellow or reddish, August.

37.—DOLICHOS.

Key to species.

Flowers in long racemes ...	...	1. *Lablab.*
Flowers gemminate, axillary ...	...	2. *biflorus.*

1. **D. Lablab**, *Linn.*; Baker l. c. 209. Pakhoi; Macao; Lienchow River. Fl. reddish or white, August.
2. **D. biflorus**, *Linn.*; Baker l. c. 210. Canton. Fl. yellow, ——.

38.—CAJANUS.

1. **C. indicus**, *Spreng.*; Benth. Fl. Hongk. 89. Mt. Kellet, Hongkong; Maönshan, Hongkong New Territory; hill near Chaochaufu; Waichow. Fl. yellow, April.

39.—DUNBARIA.

Key to species.

1. Calyx clothed with long stiff yellow hairs	1. *fusca.*
Calyx shortly pubescent	2.
2. Pod conspicuously stalked above calyx	2. *podocarpa.*
Pod sessile on calyx	3. *conspersa.*

1. **D. fusca,** *Kurz* ; *Phaseolus fuscus,* Wall. ; Baker in Hook. f. Fl. Brit. Ind. ii. 204. Lienchow River. Fl. claret-colour outside, yellow inside, September.
2. **D. podocarpa,** *Kurz* ; Baker l. c. 218. Mainland opposite Hongkong ; Pakhoi. Fl. ——, September.
3. **D. conspersa,** *Benth.* Fl. Hongk. 89. Waste places Hongkong without locality ; Hongkong New Territory without locality ; Swatow ; Hoifung ; Pakhoi ; Northwest River ; Lofoushan. Fl. yellow, August to October.

40.—ATYLOSIA.

1. **A. scarabaeoides,** *Benth.* Fl. Hongk. 90. Abundant near seacoast and Mt. Gough, Hongkong ; Stonecutters' Island ; Harbour Island in Mirs Bay, Hongkong New Territory ; Lofoushan. Fl. yellow, September.

Atylosia crinita Dunn = *Dunbaria fusca,* Kurz.

41.—RHYNCHOSIA.

1. **R. volubilis,** *Lour.* ; Benth. Fl. Hongk. 90. Cape d'Aguilar and Little Hongkong, Hongkong ; Swatow ; Canton ; Macao ; Pakhoi ; Lienchow River. Fl. yellow, June.

42.—ERIOSEMA.

1. **E. chinense,** *Vogel* ; Benth. Fl. Hongk. 91. Rough grassy mountain slopes Victoria Peak, Mt. Kellet and Mt. Gough, Hongkong ; hill near Chaochaufu ; Macao ; Pakhoi. Fl. yellow, May.

43.—FLEMINGIA.

1. **F. congesta,** *Roxb.* ; Baker in Hook. f. Fl. Brit. Ind. ii. 228. Near Sanwai, Hongkong New Territory ; Swatow ; Lienchow River ; West River ; Lofoushan. Fl. red, September.

44.—DALBERGIA.

Key to species.

1. Leaflets small, oblong, crowded ...	2.
Leaflets large, oval	3.
2. Leaves 9–11- foliolate	1. *Hancei.*
Leaves 23–35- foliolate	2. *Millettii.*

3. Pod sub-reniform ... ... 3. *Torta.*
Pod oblong ... ... 4.
4. Racemes axillary ... ... 5.
Racemes terminal ... ... 4. *hupeana.*
5. Leaflets 5–7 ... ... 5. *Benthami.*
Leaflets 13–15 ... ... 6. *Balansae.*

1. **D. Hancei,** *Benth.* Fl. Hongk. 93. On Mt. Davis and at East Point, Hongkong. Fl. white, March.
2. **D. Millettii,** *Benth.* l. c. 92. Common in Hongkong. Fl. white, May.
3. **D. Torta,** *Grah.*; Prain in Ann. Bot. Gard. Calc. x. 64. At Little Hongkong and at Aberdeen near the sea, Hongkong. Fl. white, June.
4. **D. hupeana,** *Hance* in Journ. Bot. 1882, 5. Lienchow River, and without locality, Kwangtung. Fl. white, June.
5. **D. Benthami,** *Prain* l. c. 62. At East Point and Pokfulam, Hongkong. Fl. white, March.
6. **D. Balansae,** *Prain.* l. c. 90. Lienchow River and without locality, Kwangtung. Fl. white June.

45.—DERRIS.

Key to species.

1. Leaflets about 9 ... ... 1. *Hancei.*
Leaflets 5–7 ... ... 2.
2. Leaflets blunt, emarginate ... ... 2. *alborubra.*
Leaflets acuminate ... ... 3.
3. Flowers usually in simple axillary racemes ... ... 3. *uliginosa.*
Flowers in axillary panicles ... ... 4. *Fordii.*

1. **D. Hancei,** *Hemsl.* in Bot. Mag. sub t. 8008. On muddy river bank at Shiuhing, West River. Fl. white, May.
2. **D. alborubra,** *Hemsl.* l. c. t. 8008. At Laichiwo and Hahang, Hongkong New Territory; Lofoushan. Fl. white, June.
3. **D. uliginosa,** *Benth.* Fl. Hongk. 94. Hongkong without locality; Taipo, Hongkong New Territory; Whampoa. Fl. white, August.
4. **D. Fordii,** *Oliver* in Hook. Ic. Pl. t. 1771. At Sheko Gap, Hongkong; Lienchow River. Fl. white, February.

46.—PONGAMIA.

1. **P. glabra,** *Vent.*; Benth. Fl. Hongk. 94. Without locality, Hongkong; Whampoa and Kwangtung without locality. Fl. bluish-white, June.

47.—CLADASTRIS.

1. **C. australis,** *Dunn,* sp. n., a speciebus ceteris hujus generis leguminibus ovatis differt.

Arbor parva? praeter inflorescentiam glabra, ramulis levibus. *Folia* imparipinnata, 3–4-juga, 12–15 cm. longa, petiolo

5–6-plo longiora; foliola opposita, superiora lateralia ovato-oblonga, in apicem obtusum angustata, basi obtusa, 4–5 cm. longa, integra, chartacea, nervis 5-paribus supra reticulatis; petioli 1–2 mm. longi; stipulae stipellaeque carentes. *Racemi* 2–4-ni ex apice ramorum enati, sessiles, per anthesin caudati, 10–20 cm. longi; rachis superior ut pedicelli calycesque brunneo-pubescens. *Flores* penduli, numerosi, conferti, 8 mm. longi; pedicelli 6 mm. longi; bracteae subulatae, aequi-longae. *Calyx* late campanulatus, 4 mm. longus, 4-dentatus, dentibus 3 inferioribus tubo paullo brevioribus, superiore longiore emarginato. *Petala* alba?; vexillum ovatum in unguem brevem angustatum, apice reflexum, 6 mm. longum; cetera 7 mm. longa, angusta. *Stamina* libera. *Ovarium* pubescens, 5-ovulatum. *Legumen* ellipticum, compressum, indehiscens, angustissime alatum, 3–3·5 cm. longum, 1·5 cm. latum, apice basique rotundatum, breviter stipitatum. *Semina* compressa, ovalia, 7–9 mm. longa; embryonis radicula accumbens.

N.W. River (fruit) 4.8.1890, Herb. Hongkong.; China (flower) *Millet* "Sophora from China, Hort. Soc. Hort. Lond. 1838," Herb. Kew. Fl. white, summer.?

48.—BOWRINGIA.

1. **B. callicarpa**, *Champ.*; Benth. Fl. Hongk. 95. Abundant in ravines on Mt. Victoria, Mt. Gough and Mt. Parker, Hongkong; Maönshan and Plovers' Cove, Hongkong New Territory; Swatow; Lienchow River; Lofoushan. Fl. white, May.

49.—SOPHORA.

Key to species.

1. Herb	1. *flavescens.*
Tree	2.
2. Leaves velvety beneath	2. *tomentosa.*
Leaves glabrous beneath	3. *japonica.*

1. **S. flavescens**, *Ait.*; DC. Prodr. ii. 96. Lienchow River. Fl. cream-coloured, April.
2. **S. tomentosa**, *Linn.*; DC. l. c. 95. At Little Hongkong and Repulse Bay, Hongkong; Hongkong New Territory without locality; Kwangtung without locality. Fl. yellow, August.
3. **S. japonica**, *Linn.*; Benth. Fl. Hongk. 95. Hongkong without locality; Canton; Lienchow River. Fl. white and pale yellow, August.

50.—ORMOSIA.

Key to species.

1. Leaves densely woolly beneath ...	2.
Leaves glabrous	3.
2. Pods lenticular, woolly	1. *pachycarpa.*
Pods oblong, glabrous	2. *mollis.*

3. Leaflets blunt, emarginate	3. *emarginata.*
Leaflets acuminate	4.
4. Calyx $\frac{1}{4}$-inch long	4. *semicastrata.*
Calyx $\frac{3}{4}$-inch long	5. *Fordiana.*

1. **O. pachycarpa**, *Champ.*; Benth. Fl. Hongk. 96. Causeway Bay, East Point, Mt. Victoria and elsewhere, Hongkong; Tin-tso-ngam, Hongkong New Territory; near Canton. Fl. whitish, June.
2. **O. mollis**, *Dunn* in Journ. Bot. 1909, 198. Lienchow River. Fl.——.
3. **O. emarginata**, *Benth.* Fl. Hongk. 96. Common in the Happy Valley woods and other parts of Hongkong; Ng-chung-shan, Hongkong New Territory. Fl. white, June.
4. **O. semicastrata**, *Hance* in Journ. Bot. 1882, 78. Wongnei-chong, Hongkong. Fl. white, April.
5. **O Fordiana**, *Oliver* in Hook. Ic. Pl. t. 2422. At Shapchaikam on the North-west River. Fl. white ?, July.

51.—CAESALPINIA.

Key to species.

1. Pod prickly	2.
Pod unarmed	3.
2. Stipules spiniform; petals white and purple; pod 7-seeded	1. *Minax.*
Stipules membranous; petals yellow; pod 1-2-seeded	2. *Bonducella*
3. Leaves with few pinnae	3. *Nuga.*
Leaves with many pinnae	4.
4. Primary pinnae more numerous than secondary	5.
Primary pinnae less numerous than secondary	4. *Millettii.*
5. Leaflets ovate, acute, coriaceous ...	5. *vernalis.*
Leaflets oblong...	6.
6. Leaflets subcoriaceous, attached by angle	6. *Sappan.*
Leaflets membranous, attached by centre of base	7. *sepiaria.*

1. **C. Minax**, *Hance* in Journ. Bot. 1884, 365. At Castle Peak, Hongkong New Territory; Shiuhing on the North River. Fl. white and purple, April.
2. **C. Bonducella**, *Fleming*; *Guilandina Bonducella*, Linn.; Benth. Fl. Honk. 96. Stonecutters' Island and Repulse Bay, Hongkong; Castle Peak, Hongkong New Territory; Pakhoi. Fl. yellow, August.
3. **C. Nuga**, *Ait.*; Benth. l. c. 97. Common in ravines on Hongkong Island; Taimoshan, Hongkong New Territory; river banks near Chaochaufu. Fl. yellow, April.
4. **C. Millettii**, *Hook. et Arn.*; Walp. Rep. i. 810. Macao. Fl.——.
5. **C. vernalis**, *Champ.*; Benth. Fl. Honk. 97. Common in ravines in Hongkong. Fl. golden yellow, April.

6. **C. Sappan**, *Linn.*; Baker in Hook. f. Fl. Brit. Ind. ii. 255. Kowloon opposite Hongkong. Fl. yellow, May.
7. **C. sepiaria**, *Roxb.*; Baker l. c. ii. 256. Castle Peak, Hongkong New Territory; Lienchow River. Fl. yellow, April.

52.—PTEROLOBIUM.

1. **P. subvestitum**, *Hance* in Journ. Bot. 1884, 365. Lienchow River; North River; Lofoushan. Fl. white, August.

53.—GLEDITSCHIA.

Key to species.

Seeds nearly quadrate, flat	1. *macrantha.*
Seeds oval	2. *australis.*

1. **G. macrantha**, *Desf.*; Hemsl. Enum. Pl. China. i. 209. Lantao Island, Hongkong New Territory. Fl. whitish, ——.
2. **G. australis**, *Hemsl.* l. c. 208. Happy Valley woods, Hongkong; near Canton. Fl. greenish, May.

54.—CASSIA.

Key to species.

1.	Sepals obtuse	2.
	Sepals acute	1. *mimosoides.*
2.	Leaflets obtuse	3.
	Leaflets acute	4.
3.	Leaflets 2-3 pairs	2. *Tora.*
	Leaflets 7-8 pairs	3. *glauca.*
4.	Leaflets 3–5 pairs, lanceolate	4. *occidentalis.*
	Leaflets 6–12 pairs, oblong-lanceolate	5. *Sophera.*

1. **C. mimosoides**, *Linn.*; Benth. Fl. Hongk. 98. Victoria Peak, Mt. Kellet and other localities, Hongkong; Taimoshan, Hongkong New Territory; Hoifung. Fl. yellow, August.
2. **C. Tora**, *Linn.*; Benth. l. c. 98. On Robinson Road and waste places, Hongkong; Castle Peak, Hongkong New Territory; hill near Chaochaufu; Lofoushan. Fl. yellow, October.
3. **C. glauca**, *Lam.*; DC. Prodr. ii. 495. On Robinson Road and at Stanley, Hongkong; commonly cultivated. Fl. yellow, August.
4. **C. occidentalis**, *Linn.*; Benth. Fl. Hongk. 98. Common in waste places, Hongkong; Kuntong, Hongkong New Territory; Swatow; Lanfa Mt., Hoifung. Fl. yellow, September.
5. **C. Sophera**, *Linn.*; DC. Prod. ii. 492. Lantao Island, Hongkong New Territory. Fl. yellow, May.

55.—BAUHINIA.

Key to species.

1.	Leaves almost undivided	1. *Championi.*
	Leaves divided half or deeper ...	2.
2.	Leaves almost bipartite	2. *corymbosa.*
	Leaves divided not more than half way to base	3.
3.	Fertile stamens 3–5	4.
	Fertile stamens 10	3. *racemosa.*
4.	Branches cirrhose	4. *glauca.*
	Branches ecirrhose	5. *variegata.*

1. **B. Championi,** *Benth.* Fl. Hongk. 99. Common in ravines in various parts of Hongkong Island; on the banks of the Han River and at Chaochaufu, Swatow; Lienchow River; Lofoushan. Fl. white, October.
2. **B. corymbosa,** *Roxb.*; DC. Prodr. ii. 515. Hongkong; Kwangtung without locality. Flowers rose-coloured, May.
3. **B. racemosa,** *Lam.*; Baker in Hook. f. Fl. Brit. Ind. ii. 276. Macao. Fl. yellow, August.
4. **B. glauca,** *Wall.*; Benth. Fl. Hongk. 99. At East Point and in the Happy Valley woods, Hongkong; Lantao Island, Hongkong New Territory; Yit-hai, Swatow. Fl. pale rose, May.
5. **B. variegata,** *Linn.*; Baker in Hook. f. Fl. Brit. Ind. ii. 284. Naturalised in Hongkong. Fl. pink variegated with red and yellow, March.

56.—CERCIS.

1. **C. chinensis,** *Bunge*; Walp. Rep. i. 808. Lienchow River. Fl. pink, ——.

57.—TAMARINDUS.

1. **T. indica,** *Linn.*; Baker in Hook. f. Fl. Brit. Ind. ii. 273. Cultivated in Hongkong. Fl. yellow striped with red, ——.

58.—LYSIDICE.

1. **L. rhodostegia,** *Hance* in Journ. Bot. 1867, 299. On steep rocky banks of the West River, North River. Fl. violet, June.

59.—ERYTHROPHLOEUM.

1. **E. Fordii,** *Oliver* in Hook. Ic. Pl. t. 1409. Near Lintan on the Loting River (branch of W. River). Fl. ——, May.

60.—ADENANTHERA.

1. **A. pavonina,** *Linn.*; Baker in Hook. f. Fl. Brit. Ind. ii. 287. In the Happy Valley woods and on Mt. Davis, Hongkong; Maönshan, Hongkong New Territory; Lienchow River; Tingushan, W. River; Tungkun District (Delta of E. River). Fl. cream-coloured, June.

61.—DESMANTHUS.

1. D. virgatus, *Willd.*; Baker l. c. 290. Hongkong without locality. Fl. whitish, ——.

62.—MIMOSA.

1. M. pudica, *Linn.*; Baker l. c. 291. Common on roadsides in Hongkong and Kowloon. Fl. purple, August.

63.—LEUCAENA.

1. L. glauca, *Benth.* Fl. Hongk. 100. Common on roadsides in Hongkong. Fl. pale yellow, May.

64.—ACACIA.

Key to species.

1.	Leaves bipinnate	2.
	Leaves (phyllodes) simple	1. *Richii.*
2.	Heads paniculate	2. *concinna.*
	Heads axillary	3. *Farnesiana.*

1. A. Richii, *A. Gray*; *Benth.* in Trans. Linn. Soc. xxx. 482. Lukchau village on Lamma Island, Hongkong New Territory. Fl. yellow, June.
2. A. concinna, *DC.*; Benth. Fl. Hongk. 101. Belcher's Bay, Deepwater Bay and in the Happy Valley, Hongkong; Taimoshan at 1500 ft., Hongkong New Territory; Lienchow River; near the top of the White Cloud hills. Fl. yellow, July.
3. A. Farnesiana, *Willd.*; Benth. l. c. 101. At Pokfulam, Hongkong; at Wuling village, Chaochaufu and around Swatow. Fl. yellow, winter.

63.—ALBIZZIA.

1.	Leaflets oblong, obtuse	2.
	Leaflets linear, crowded, acute ...	1. *stipulata.*
2.	Midrib of leaflets at side	2. *Lebbek.*
	Midrib of leaflets in centre	3. *Millettii.*

1. A. stipulata, *Boiv.*; Benth. Fl. Hongk. 102. Hongkong without locality; West River. Fl. white, May.
2. A. Lebbek, *Benth.*; *Acacia Lebbek*, Willd.; DC. Prodr. ii. 466. Lienchow River. Fl. white, July.
3. A. Millettii, *Benth.* Fl. Hongk. 102. In the Happy Valley, Hongkong; Lautao Island and Taimoshan, Hongkong New Territory; Macao; North-west River; Lienchow River. Fl. white, July.

64.—PITHECOLOBIUM.

Key to species.

Leaflets few, large, ovoid	1. *lucidum.*
Leaflets many, rhomboidal, upper larger	2. *Clypearia.*

1. **P. lucidum,** *Benth.* Fl. Hongk. 102. Little Hongkong, Taitam Tuk and Aberdeen Road, Hongkong; Lantao Island and Kowloon, Hongkong New Territory; hill near Chaochaufu; about 10 miles North of Canton. Fl. white, May.

2. **P. Clypearia,** *Benth.* l. c. 103. Little Hongkong woods, in a ravine below the Wongneichong-Taitam catchwater, alongside path leading from Barker Road to May Road, Hongkong; Lantao Island and Taipo, Hongkong New Territory. Fl. white, May.

ROSACEAE.

Key to genera.

1.	Ovary superior	2.
	Ovary inferior	6.
2.	Tree; fruit drupaceous	3.
	Herb or shrub with compound fruit ...	4.
3.	Leaves entire and flowers subsessile ...	2. *Pygeum.*
	Leaves serrate or flowers distinctly pedicellate	1. *Prunus.*
4.	Shrub	5.
	Herb	14.
5.	Stems thorny	4. *Rubus.*
	Stem erect, unarmed	3. *Spiraea.*
6.	Herb	7. *Agrimonia.*
	Shrub or tree	7.
7.	Leaves pinnate	8.
	Leaves simple	9.
8.	Stem thorny	8. *Rosa.*
	Stem unarmed	15. *Osteomeles.*
9.	Fruit fleshy with one or more separate seeds	10.
	Fruit a drupe with a multilocular stone	13.
10.	Calyx limb deciduous	11.
	Calyx limb persistent	12.
11.	Leaves evergreen	13. *Raphiolepis.*
	Leaves deciduous	9. *Pyrus.*
12.	Fruit large, soft	12. *Eriobotrya.*
	Fruit small, hard	11. *Photinia.*
13.	Leaves evergreen	14. *Stranvaesia.*
	Leaves deciduous	10. *Crataegus.*
14.	Receptacle swollen in fruit	5. *Fragaria.*
	Receptacle unenlarged	6. *Potentilla.*

I.—PRUNUS.

Key to species.

1.	Peduncles solitary or fascicled ...	5.
	Flowers racemose	2.
2.	Leaves entire	3.
	Leaves toothed	3. *macrophylla.*
3.	Leaves punctate	4.
	Leaves without dots beneath	4. *marginata.*
4.	Veins obscure	5. *Fordiana.*
	Veins prominent	6. *punctata.*
5.	Stone of fruit rough and downy ...	1. *Mume.*
	Stone of fruit smooth	2. *japonica.*

1. **P. Mume,** *Sieb. et Zucc.* in Fl. Jap. i. 29. Cultivated in Hongkong New Territory and Kwangtung. Fl. white, January.
2. **P. japonica,** *Thunb.*; *Cerasus japonica,* Loisel.; DC. Prodr. ii. 538. On Victoria Peak, Peak Road and Bowen Road, Hongkong; Taimoshan, Hongkong New Territory. Fl. white, February.
3. **P. macrophylla,** *Sieb. et Zucc.*; *Pygeum oxycarpum,* Hance in Journ. Bot. 1870, 242. White Cloud hills and Lienchow River. Fl. ——, November.
4. **P. marginata,** *Dunn* in Journ. Bot. 1907, 402. Lantao Peak at 1500 ft., Hongkong New Territory. Fl. white, May.
5. **P. Fordiana,** *Dunn* l. c. 402. Sanning. Fl. ——.
6. **P. punctata,** *Hook. f.* Fl. Brit. Ind. ii. 317. In the Happy Valley woods, Mt. Parker north, Cape d'Aguilar, Hongkong; in a wood at the White Cloud monastery, Canton. Fl. white, April.

2.—PYGEUM.

1. **P. latifolium,** *Miq.*; Benth. Fl. Hongk. 104. Hongkong without locality. Fl. white, ——.

3.—SPIRAEA.

Key to species.

1.	Leaves obtuse, toothed at top ...	1. *Blumei.*
	Leaves elliptic or lanceolate, acute ...	2.
2.	Leaves nearly entire	2. *prunifolia.*
	Leaves inciso-serrate	3. *cantoniensis.*

1. **S. Blumei,** *G. Don*; Maxim. in Act. Hort. Petrop. vi. 196. Swatow; Lienchow River. Fl. white, April.
2. **S. prunifolia,** *Sieb. et Zucc.*; Maxim. l. c. 184. On hill at Chaochaufu. Fl. white, April.
3. **S. cantoniensis,** *Lour.*; Benth. Fl. Hongk. 105. Hongkong without locality; Whampoa. Fl. white, April.

4.—RUBUS.

Key to species.

1.	Leaves simple	2.
	Leaves compound	11.
2.	Leaves ovate or oblong, acuminate ...	4.
	Leaves rotund, lobed and tomentose ..	8.
4.	Peduncles densely setose	5.
	Peduncles with few setae or none ...	6.
5.	Floral leaves glabrous	1. *Swinhoei.*
	Floral leaves tomentose	2. *Hanceanus.*
6.	Peduncles 1-flowered	3. *corchorifolius.*
	Peduncles paniculate	7.
7.	Leaves deeply cordate	4. *Lambertianus.*
	Leaves round or obscurely cordate at base	5. *hexagynus.*
8.	Calyx with short grey tomentum ...	6. *tephrodes.*
	Calyx with long reddish silky tomentum	9.
9.	Leaves shallow-lobed	7. *formosensis.*
	Leaves deeply 3–5-lobed	10.
10.	Terminal lobe of leaf longest	8. *reflexus.*
	Lobes about equal	9. *moluccanus.*
11.	Leaves pinnate	10. *rosaefolius.*
	Leaves digitate	12.
12.	Leaves 5-nate	4. *Playfairii.*
	Leaves 3-nate	13.
13.	Leaves quite glabrous	12. *leucanthus.*
	Leaves more or less hairy	14.
14.	Leaves white beneath	13. *parvifolius.*
	Leaves green on both sides	15.
15.	Flowers less than ½-inch across ...	14. *aralioides.*
	Flowers over 1-inch across	15. *Thunbergii.*

1. **R. Swinhoei,** *Hance*; Maxim. in Mél. Biol. viii. 380. Hill near Chaochaufu; Lofoushan. Fl. white, April.
2. **R. Hanceanus,** *O. Kuntze*; *R. Fordii*, Hance in Journ. Bot. 1883, 298. At Tashing on the West River; Macao. Fl. white, April.
3. **R. corchorifolius,** *Linn. f.*; DC. Prodr. ii. 567. On hill near Chaochaufu; North River. Fl. pinkish, March.
4. **R. Lambertianus,** *Ser.*; *R. ochlanthus*, Hance in Journ. Bot. 1882, 260. Sai-ngau on the Lienchow River. Fl. white, August.
5. **R. hexagynus,** *Roxb.*; Hook. f. Fl. Brit. Ind. ii. 327. At Saikung, Hongkong New Territory. Fl. white, September.
6. **R. tephrodes,** *Hance* in Journ. Bot. 1874, 260. Lienchow River. Fl. pink, July.
7. **R. formosensis,** *O. Kuntze*; *R. rugosus*, Maxim. in Mél. Biol. viii. 377. On hills along the North River. Fl. ——.
8. **R. reflexus,** *Ker*; Benth. Fl. Hongk. 104. Very common in Hongkong; Lantao Island and on the southern slopes of Taimoshan, Hongkong New Territory; North River. Fl. white, May.

9. **R. moluccanus**, *Linn.;* Hook. f. Fl. Brit. Ind. ii. 330. On Taimoshan, especially on the northern slopes, Hongkong New Territory; Hoifung; Sanning; Lienchow River; Northwest River; Lofoushan. Fl. white, summer.
10. **R. rosaefolius**, *Smith;* Hook. f. l. c. 341. At Victoria Peak and Wongneichung, Hongkong; Lantao Island, Hongkong New Territory; slopes of the Phoenix Mt., Swatow; West River. Fl. white, May.
11. **R. Playfairii**, *Hemsl.* Enum. Pl. China, i. 235. Pakhoi Fl. white, April.
12. **R. leucanthus**, *Hance;* Benth. Fl. Hongk. 105. Common in low grounds, Hongkong; Lantao Island, Hongkong New Territory; hill near Chaochaufu; Lofoushan. Fl. white, April.
13. **R. parvifolius**, *Linn.;* Benth. l. c. 105. Common in Hongkong; Lantao Island, Hongkong New Territory; hedges near Swatow. Fl. pink, April.
14. **R. aralioides**, *Hance* in Journ. Bot. 1884, 41. Lofoushan at 1000 ft. Fl. pale rose, May.
15. **R. Thunbergii**, *Sieb. et Zucc.;* Maxim. in Mél. Biol. viii. 389. Kwangtung without locality. Fl. white, May.

5.—FRAGARIA.

1. **F. indica**, *Andr.;* Hook. f. Fl. Brit. Ind. ii. 343. In a bamboo grove near Chaochaufu. Fl. yellow, April.

6.—POTENTILLA.

Key to species.

Root leaves pinnate	1. *supina.*
Root leaves digitate	2. *Kleiniana.*

1. **P. supina**, *Linn.;* DC. Prodr. ii. 580. A weed of cultivated ground, Canton; West River. Fl. yellow, April.
2. **P. Kleiniana**, *Wight et Arn.;* Hook. f. Fl. Brit. Ind. ii. 359. West River. Fl. yellow, April.

7.—AGRIMONIA.

1. **A. Eupatoria**, *Linn.;* DC. Prodr. ii. 587. Pokfulam, Hongkong; at the foot of the west wall of the City, Canton; North River; Lienchow River. Fl. yellow, September.

8.—ROSA.

Key to species.

1.	Styles distinct	4.
	Styles united	2.
2.	Stipules pectinate	7. *multiflora.*
	Stipules entire	3.
3.	Stipules glabrous	1. *moschata.*
	Stipules ciliate	2. *Luciae.*

4. Fruit prickly		6.
Fruit smooth		5.
5. Flowers corymbose		3. *microcarpa.*
Flowers solitary or fascicled		4. *indica.*
6. Leaflets ovate		5. *laevigata.*
Leaflets small, round		6. *microphylla.*

1. **R. moschata,** *Mill.*; Hook. f. Fl. Brit. Ind. ii. 367. In a ravine above Kanghau, Hongkong New Territory; Whampoa; Macao; Lienchow River. Fl. white, April.
2. **R. Luciae,** *Franch. et Rochebr.*; *R. moschata*, Benth. Fl. Hongk. 106. Hongkong without locality; Shalotung, Hongkong New Territory; Dane's Island, Whampoa. Fl. white, April.
3. **R. microcarpa,** *Lindl.*; *R. amoyensis*, Hance in Journ. Bot. 1868, 297. Hongkong without locality; Swatow; in hedges at Chaochaufu; Lienchow River. Fl. white, April.
4. **R. indica,** *Linn.*; Hook. f. Fl. Brit. Ind. ii. 364. Kwangtung without locality. Fl. red or pink, March to June.
5. **R. laevigata,** *Michx.*; *R. sinica*, Benth. Fl. Hongk. 106. Black's Link, Hongkong; Lantao Island, Hongkong New Territory; Kwangtung without locality; Swatow. Fl. white, April.
6. **R. microphylla,** *Roxb.*; Bot. Mag. t. 6548. Kwungtung without locality. Fl. pale red, May and June.
7. **R. multiflora,** *Thunb.*; Hook. f. Fl. Brit. Ind. ii. 364. Yit-hai, Han River. Fl. pink, April.

9.—PYRUS.

Key to species.

1. Leaves glabrous		2.
Leaves woolly below, glabrescent ...		3.
2. Leaves sharply serrulate		1. *sinensis.*
Leaves crenulate		4.
3. Flowers solitary or fascicled		3. *indica.*
Flowers corymbose		4. *Aria.*
4. Leaves long-stalked		2. *Calleryana.*
Leaves subsessile		5. *Decaisneana.*

1. **P. sinensis,** *Lindl.*; Maxim. in Mél. Biol. ix. 168. Near Linfati, Hongkong New Territory. Fl. white, April and May.
2. **P. Calleryana,** *Decne.*; Maxim. l. c. 169. On the Lienchow River. Fl. white, February.
3. **P. indica,** *Wall.* Pl. As. Rar. ii. 56. t. 173. Lienchow River.
4. **P. Aria,** *Ehrh.*; DC. Prodr. ii. 636. Top of Phoenix Mt., Swatow. Fl. white, April.
5. **P. Decaisneana,** *Dunn*, nom. nov. *Aria Decaisneana*, Lav. Arb. Segr. t. 18. Slopes of Phoenix Mt., Swatow. Fl. white, April.

10.—CRATAEGUS.

1. **C. Pyracantha,** *Pers.*; DC. Prodr. ii. 626. Lienchow River. Fl. white, June.

11.—PHOTINIA.

Key to species.

1. Peduncles and pedicels verticillate in the corymb...	1. *Benthamiana.*
Peduncles and pedicels racemose in the corymb	2.
2. Leaves densely serrulate from base ...	3.
Leaves remotely serrate in upper part	2. *pustulata.*
3. Leaves glandular-punctate beneath ...	4.
Leaves epunctate	5.
4. Panicles globose	3. *melanostigma.*
Panicles corymbose	4. *prunifolia.*
5. Leaves quite glabrous; corymbs many-flowered	5. *serrulata.*
Leaves more or less tomentose; corymbs few-flowered	6. *variabilis.*

1. **P. Benthamiana,** *Hance*; Maxim. in Mél. Biol. ix. 177. Near Taipo, Hongkong New Territory; hill near Chaochaufu; Canton; Whampoa; Lienchow River. Fl. white, April.
2. **P. pustulata,** *Lindl.*; Walp. Rep. ii. 57. Near Canton; Macao. Fl. ——.
3. **P. melanostigma,** *Hance* in Journ. Bot. 1882, 5. Hill near Chaochaufu; along the North River. Fl. white, April.
4. **P. prunifolia,** *Lindl.*; Benth. Fl. Hongk. 107. In the Happy Valley woods, on Mt. Gough and Mt. Parker, Hongkong; Tsingi Island and Taimoshan, Hongkong New Territory; Lienchow River. Fl. white, April.
5. **P. serrulata,** *Lindl.*; Bot. Mag. t. 2105. Lienchow River. Fl. white, April.
6. **P. variabilis,** *Hemsl.*; *P. villosa*, DC. Prodr. ii. 631. Swatow; Namwa Monastery, N. Kwangtung; Lienchow River. Fl. white, April.

12.—ERIOBOTRYA.

1. **E. fragrans,** *Champ.*; Benth Fl. Hongk. 108. In a ravine of Mt. Victoria, in the Happy Valley and on Mt. Nicholson, Hongkong; Lantao Island and on hills opposite Hongkong, Hongkong New Territory. Fl. white, April.

13.—RAPHIOLEPIS.

1. **R. indica,** *Lindl.*; Benth. Fl. Hongk. 107. Very common in Hongkong; Lantao Island and hill east of Kowloon City, Hongkong New Territory; hill near Chaochaufu. Fl. white or very pale rose, February.

14.—STRANVAESIA.

1. **S. Calleryana,** *Decne.* in Nouv. Arch. Mus. Par. x. 179. Around Canton. Fl. ——.

15.—OSTEOMELES.

1. **O. subrotunda,** *C. Koch*; Hemsl. in Hook. Ic. Pl. t. 2644. North River. Fl. white, April.

SAXIFRAGACEAE.

Key to genera.

1.	Herb	4.
	Shrub or tree	2.
2.	Flowers in simple racemes	6. *Itea.*
	Flowers in terminal panicles or corymbs	3.
3.	Leaves dentate	5.
	Leaves entire	3. *Pileostegia.*
4.	Flowers irregular	1. *Saxifraga.*
	Flowers regular	2. *Parnassia.*
5.	Outer flowers large sterile	5. *Hydrangea.*
	All flowers similar	4. *Dichroa.*

1.—SAXIFRAGA.

1. **S. sarmentosa,** *Linn. f.*; DC. Prodr. iv. 43. Shekchilui village near Chaochaufu. Fl. white, April.

2.—PARNASSIA.

1. **P. Wightiana,** *Wall.*; Hook. f. Fl. Brit. Ind. ii. 402. Lienchow River. Fl. white, November.

3.—PILEOSTEGIA.

1. **P. viburnoides,** *Hook. f.* Fl. Brit. Ind. ii. 405. On the south-west slope of Mt. Parker, Hongkong, creeping over boulders; on Taimoshan in similar places, Hongkong New Territory; Kwaisin, Hoifung; Lofoushan. Fl. white, September.

4.—DICHROA.

1. **D. febrifuga,** *Lour.*; Benth. Fl. Hongk. 128. In ravines of Mt. Victoria, Mt. Gough and Mt. Parker, Hongkong; Taimoshan at 1500 ft., Hongkong New Territory; Namfom, N. Kwangtung. Fl. blue, May.

5.—HYDRANGEA.

1. **H. scandens,** *Maxim.*; *H. petiolaris*, Sieb. et Zucc.; Bot. Mag. t. 6788. Foot of Phoenix Mt., Swatow. Fl. white, April.

6.—ITEA.

1. I. **chinensis**, *Hook. et Arn.*; Benth. Fl. Hongk. 129. In the Happy Valley woods, on Mt. Gough and other places, Hongkong; Lantao Island, Hongkong New Territory; hill near Chaochaufu. Fl. white, April.

CRASSULACEAE.

Key to genera.

1.	Leaves membranous	4. *Penthorum.*
	Leaves fleshy	2.
2.	Calyx 4-toothed	1. *Bryophyllum.*
	Sepals distinct	3.
3.	Petals distinct	3. *Sedum.*
	Petals united	2. *Kalanchoe.*

1.—BRYOPHYLLUM.

1. B. **calycinum**, *Salisb.*; Benth. Fl. Hongk. 127. Common in waste places, Hongkong; at Yit-hai, Swatow; Pakhoi. Fl. green tinged with reddish-yellow, January.

2.—KALANCHOE.

Key to species.

Leaves ovate, crenate	1. *spathulata.*
Leaves laciniate	2. *laciniata.*

1. K. **spathulata**, *DC.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 414. Near Hoktsui on the beach, Hongkong; Suheang, nr. Hongkong on Canton River. Fl. yellow, December.
2. K. **laciniata**, *DC.*; Clarke l. c. 415. Cultivated in Hongkong. Fl. yellow, March.

3.—SEDUM.

Key to species.

1.	Leaves all verticillate in threes ...	1. *sarmentosum.*
	Leaves on flowering shoots scattered...	2.
2.	Leaves oblong, acute	2. *chrysastrum.*
	Leaves obtuse	3.
3.	Leaves linear-oblong	3. *japonicum.*
	Leaves spathulate	4.
4.	Bracts large, spathulate	4. *Alfredi.*
	Bracts wanting	5. *drymarioides.*

1. S. **sarmentosum**, *Bunge*; Maxim. in Mél. Biol. xi. 764. Growing on the banks of streams on the Phoenix Mt., Swatow. Fl. yellow, April.
2. S. **chrysastrum**, *Hance* in Journ. Bot. 1870, 6. In hedges near Chaochaufu; West River. Fl. yellow, April.
3. S. **japonicum**, *Sieb.*; Maxim. in Mél. Biol. xi. 759. At Kwaisin, Hoifung; North River. Fl. pale yellow, May.

4. S. Alfredi, *Hance* in Journ. Bot. 1870, 7. Hill near Chaochaufu; North River; Lienchow River; Soongkong Island, Canton River. Fl. yellow, April.
5. S. drymarioides, *Hance* in Journ. Bot. 1865, 379. North River. Fl. white, April.

4.—PENTHORUM.

1. P. sedoides, *Linn.;* DC. Prodr. iii. 414. In soft mud on the sides of the creeks, Canton; North River. Fl. white, August.

DROSERACEAE.

1.—DROSERA.

Key to species.

1.	Leaves linear, tapering	1. *indica.*
	Leaves small, obtuse	2.
2.	Stem leafy	2. *peltata.*
	Leaves radical	3.
3.	Leaves broad, short, short-petioled ...	3. *Burmanni.*
	Leaves cuneate, long-petioled... ...	4. *Loureiri.*

1. D. indica, *Linn.;* Clarke in Hook. f. Fl. Brit. Ind. ii. 424. At Autau, Hongkong New Territory; Swatow; Pakhoi. Fl. purple, February.
2. D. peltata, *Sm.;* Clarke l. c. 424. Abundant on some of the slopes of the White Cloud hills. Fl. white, April.
3. D. Burmanni, *Vahl;* Benth. Fl. Hongk. 129. Not uncommon in Hongkong growing with the next species; Swatow; Pakhoi. Fl. white, May.
4. D. Loureiri, *Hook. et Arn.;* Benth. l. c. 130. Abundant in swampy ground, Hongkong; Lantao Island, Hongkong New Territory; Hoifung. Fl. pink, April.

HAMAMELIDACEAE.

Key to genera.

1.	Petals long, coloured	2.
	Petals squamiform or none	4.
2.	Flowers in stalked globular heads ...	5.
	Flowers not in globular heads ...	3.
3.	Flowers in involucrate heads	5. *Rhodoleia.*
	Flowers in short racemes or naked heads	3. *Loropetalum.*
4.	Flowers enclosed in bottle-shaped receptacles	2. *Sycopsis.*
	Flowers free	5.
5.	Styles subulate	1. *Distylium.*
	Styles expanded above	4. *Eustigma.*
6.	Leaves palmatilobed	7. *Liquidambar.*
	Leaves without lobes	6. *Altingia.*

1.—DISTYLIUM.

1. **D. racemosum**, *Sieb. et Zucc.*; Benth. Fl. Hongk. 133. In the Happy Valley woods and in a ravine on the north-west slope of Mt. Kellet, Hongkong. Fl. red, February.

2.—SYCOPSIS.

1. **S. Tutcheri**, *Hemsl.* in Hook. Ic. Pl. t. 2834. On Victoria Peak in Mountain Lodge grounds; Lantao Island, Hongkong New Territory. Fl. red, June.

3.—LOROPETALUM.

Key to species.

Leaves 3–6 inches long, glabrous ... 1. *subcordatum.*
Leaves 1–3 inches long, with stellate hairs ... ... 2. *chinense.*

1. **L. subcordatum**, *Oliv.*; *Tetrathyrium subcordatum*, Benth. Fl. Hongk. 133. On the Black Mountain, in the Happy Valley woods above Bowen Road, in the ravine above Pokfulam reservoir, Hongkong. Fl. white, September.
2. **L. chinense**, *R. Br.*; *Hamamelis chinensis*, R. Br.; DC. Prodr. iv. 269. North Point, Hongkong; Swatow; North River; Lienchow River; West River. Fl. white, April.

4.—EUSTIGMA.

1. **E. oblongifolium**, *Gardn. et Champ.*; Benth. Fl. Hongk. 132. In the Happy Valley woods, Mt. Gough, Mt. Victoria and Mt. Kellet, Hongkong. Fl. yellow and black, February.

5.—RHODOLEIA.

1. **R. Championi**, *Hook.*; Benth. Fl. Hongk. 131. A few trees in the Happy Valley woods, abundant on a hill above Little Hongkong, Hongkong. Fl. rose or claret-coloured, January.

6.—ALTINGIA.

1. **A. chinensis**, *Benth.*; *Liquidambar chinensis*, Champ.; Benth. Fl. Hongk. 132. In the Happy Valley woods, Taitam catchwater and Mt. Kellet, Hongkong; Maönshan, Hongkong New Territory; hill near Chaochaufu, Swatow. Fl. brownish, March.

7.—LIQUIDAMBAR.

1. **L. formosana**, *Hance*; *L. acerifolia*, Maxim. in Mél. Biol. vi. 21. Maönshan and near Sanwai, Hongkong New Territory; near Chaochaufu; on hills near Canton. Fl. ——, March.

HALORAGINACEAE.

Key to genera.

1. Aquatic herb ...	... ...	2.
Terrestrial plant	... ...	2. *Haloragis.*
2. Leaves simple ...	... ...	1. *Callitriche.*
Leaves pinnate	... ...	3. *Myriophyllum.*

1.—CALLITRICHE.

Key to species.

Leaves oblong-spathulate	... ...	1. *verna.*
Leaves ovate ...	... ...	2. *stagnalis.*

1. **C. verna,** *Linn.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 434. In a marsh on the bank of the Han River, Swatow; Canton; Whampoa. Fl. greenish, April.
2. **C. stagnalis,** *Scop.*; Clarke l. c. 434. A weed in the Botanic Gardens, Hongkong. Fl. greenish, May.

2.—HALORAGIS.

Key to species.

Leaves glabrous	... ...	1. *micrantha.*
Leaves scabrous	... ...	2. *tetragyna.*

1. **H. micrantha,** *R. Br.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 430. Hills near Canton. Fl. reddish, May.
2. **H. tetragyna,** *Hook. f.*; *H. scabra*, Benth. Fl. Hongk. 139. In the Happy Valley and common on grassy slopes, Hongkong; near Lowu, Hongkong New Territory. Fl. reddish, June.

3.—MYRIOPHYLLUM.

1. **M. spicatum,** *Linn.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 433. Pond near Swatow. Fl. greenish, ——.

RHIZOPHORACEAE.

Key to genera.

1. Calyx 4–6-merous	... ...	2.
Calyx 8–14-merous	... ...	3. *Carallia.*
2. Calyx 4- merous	... ...	1. *Kandelia.*
Calyx 5–6-merous	... ...	2. *Bruguiera.*

1.—KANDELIA.

1. **K. Rheedii,** *Wight et Arn.*; Benth. Fl. Hongk. 110. Estuary at Little Hongkong and at Taitam Tuk, Hongkong; at Taipo and near Maönshan, Hongkong New Territory. Fl. white, August.

2.—BRUGUIERA.

1. **B. gymnorrhiza,** *Lam.*; Hensl. in Hook. f. Fl. Brit. Ind. ii. 437. Lantao Island and Castle Peak, Hongkong New Territory; at Hoifung. Fl. red, May.

3.—CARALLIA.

1. **C. integerrima,** *DC.*; Benth. Fl. Hongk. 111. In the Little Hongkong woods, in a ravine east of Wongneichong, near the Gap from Sheko to Cape d'Aguilar, Hongkong; at Hoifung near the sea. Fl. pale yellow, November.

COMBRETACEAE.

Key to genera.

1.	Leaves simple	2.
	Leaves 3-foliate	4. *Illigera.*
2.	Leaves alternate	1. *Lumnitzera.*
	Leaves opposite	3.
3.	Calyx short	2. *Combretum.*
	Calyx very long and tubular	3. *Quisqualis.*

1.—LUMNITZERA.

1. **L. racemosa,** *Willd.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 452. Little Hongkong. Fl. white, June.

2.—COMBRETUM.

1. **C. Alfredi,** *Hance* in Journ. Bot. 1871, 131. Lienchow River; West River. Fl. yellow, July.

3.—QUISQUALIS.

1. **Q. indica,** *Linn.*; DC. Prodr. iii. 23. Behind the Buddhist Temple, Causeway Bay, Hongkong; banks of the West River. Fl. rose or red, Summer.

4.—ILLIGERA.

Key to species.

1.	Calyx tube glabrous	1. *platyandra.*
	Calyx tube hairy	2.
2.	Calyx tube with spreading red hairs ...	2. *rhodantha.*
	Calyx tube densely pubescent... ...	3. *parviflora.*

1. **I. platyandra,** *Dunn* in Journ. Linn. Soc. xxxviii, 290. Wongneichong and behind the Buddhist Temple, Causeway Bay, Hongkong. Fl. reddish, September.
2. **I. rhodantha,** *Hance* in Journ. Bot. 1883, 321. Hoifung; Lienchow River; near Solinkun monastery, Lofoushan. Fl. red, September.
3. **I. parviflora,** *Dunn* in Journ. Linn. Soc. xxxviii, 296. Lienchow River; Lofoushan. Fl. reddish?, August.

MYRTACEAE.

Key to genera.

1.	Leaves subulate	1. *Baeckea.*
	Leaves expanded	2.
2.	Leaves penninerved	3.
	Leaves 3-5-nerved from the base ...	3. *Rhodomyrtus.*
3.	Calyx splitting irregularly	2. *Psidium.*
	Calyx regularly lobed	4. *Eugenia.*

1.—BAECKEA.

1. **B. frutescens,** *Linn.*; Benth. Fl. Hongk. 118. Very common in Hongkong; Lantao Island and near Lowu, Hongkong New Territory; Macao. Fl. white, Summer.

2.—PSIDIUM.

1. **P. Guyava,** *Linn.*; Benth. l. c. 120. Very common in Hongkong; hills near Chaochaufu. Fl. white, May.

3.—RHODOMYRTUS.

1. **R. tomentosa,** *Hassk.*; Benth. l. c. 120. Very common in Hongkong; Lamtsun, Hongkong New Territory; river bank near Chaochaufu; Macao; Pakhoi. Fl. deep rose, May.

4.—EUGENIA.

Key to species.

1.	Pedicels 1-flowered (*i.e.*, flowers stalked)	2.
	Pedicels with several sessile flowers, but the calyx tube sometimes stalk-like	5.
2.	Calyx more than 1 inch diameter ...	1. *Jambosa.*
	Calyx less than 1 inch diameter ...	3.
3.	Leaves 5–8 inches long	2. *operculata.*
	Leaves less than 3 inches long ...	4.
4.	Leaves obtuse	3. *sinensis.*
	Leaves acute	4. *gracilenta.*
5.	Fruit turbinate	5. *Championi.*
	Fruit ovate	6.
6.	Cymes chiefly lateral	7.
	Cymes terminal...	8.
7.	Cymes few-flowered; leaf-nerves not very close	6. *minutiflora.*
	Cymes many-flowered; leaf-nerves close, parallel	7. *Jambolana.*
8.	Calyx lobes 4; stamens long	8. *Millettiana.*
	Calyx lobes 5; stamens short... ...	9. *acuminatissima.*

1. **E. Jambosa,** *Linn.*; *Jambosa vulgaris*, DC.; Benth. Fl. Hongk 120. Naturalised in Hongkong; near Chaochaufu; Macao. Fl. white, May.

2. **E. operculata**, *Roxb.*; Duthie in Hook. f. Fl. Brit. Ind. ii. 498. Common in watercourses in Hongkong. Fl. white, May.
3. **E. sinensis**, *Hemsl.*; *Syzygium buxifolium*, Hook. et Arn.; Benth. Fl. Hongk. 118. Mt. Victoria, Mt. Kellet, Mt. Parker and elsewhere, Hongkong; Swatow; Kwaisin, Hoifung; Macao; Sanning; Lienchow River. Fl. white, June.
4. **E. gracilenta**, *Hance* in Journ. Bot. 1885, 7. At Saichuson near Canton on the North River; Lienchow River. Fl. white, May.
5. **E. Championi**, *Hemsl.*; *Acmena Championi*, Benth. Fl. Hongk. 119. In the Happy Valley woods, Mt. Nicholson, Mt. Victoria and Taitam Tuk, Hongkong. Fl. white, November.
6. **E. minutiflora**, *Hance* in Journ. Bot. 1871, 5. In the Happy Valley woods, Taitam Tuk and Mt. Kellet, Hongkong. Fl. white, October.
7. **E. Jambolana**, *Lam.*; Duthie in Hook. f. Fl. Brit. Ind. ii. 499. On Kennedy Road, Bowen Road, Repulse Bay and other places, Hongkong; Plovers' Cove, Hongkong New Territory. Fl. white, February to September.
8. **E. Millettiana**, *Hemsl.*; *Syzygium odoratum* Hook. et Arn.; Benth. Fl. Hongk. 119. In the Happy Valley woods, Little Hongkong woods and Causeway Bay, Hongkong; Lantao Island, Maönshan and Shalotung, Hongkong New Territory; Macao; North-west River; Lofoushan. Fl. white, July.
9. **E. acuminatissima**, *Kurz*; Duthie in Hook. f. Fl. Brit. Ind. ii. 483. Hongkong without locality. Fl. white, August.

MELASTOMACEAE.

Key to genera.

1.	Stamens twice the petals in number ...	2.
	Stamens equal to the petals in number	9.
2.	Leaves penninerved	12. *Memecylon.*
	Leaves palmatinerved	3.
3.	Anthers all similar	4.
	Anthers of two kinds	5.
4.	Calyx hispid or with ciliate scales ...	1 *Osbeckia.*
	Calyx glabrous	6.
5.	Anthers 8	6.
	Anthers 10 or more	8.
6.	Leaves cuneate at base	4. *Barthea.*
	Leaves cordate at base	7.
7.	Stems leafy	7. *Fordiophyton.*
	Plant scapigerous	8. *Gymnagathis.*
8.	Flowers umbellate on a common peduncle	2. *Otanthera.*
	Flowers cymose or solitary	3. *Melastoma.*
9.	Inflorescence axillary	6. *Blastus.*
	Inflorescence terminal	10.

10. Shrub	10. *Anplectrum.*
Herb	11.
11. Stem glabrous	11. *Sarcopyramis.*
Stem hairy	12. *Sonerila.*

1.—OSBECKIA.

Key to species.

Calyx densely tomentose	1. *crinita.*
Calyx with a few tufts of hairs ...	2. *chinensis.*

1. **O. crinita**, *Benth.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 517. Lienchow River; North River; Lofoushan. Fl. purple or white, August.
2. **O. chinensis**, *Linn.*; Benth. Fl. Hongk. 114. On grassy slopes of Mt. Gough, Mt. Parker, and Mt. Victoria, Hongkong; Lantao Island, and very abundant near Sheungshui, Hongkong New Territory; Lienchow River; Pakhoi. Fl. mauve or white, August.

2.—OTANTHERA.

1. **O. Fordii**, *Hance* in Journ. Bot. 1881, 47. On hill east of Happy Valley, Hongkong. Fl. rose-coloured, July.

3.—MELASTOMA.

Key to species.

1. Creeping undershrub	1. *repens.*
Erect herb	2.
2. Leaves $1\frac{1}{4}$ to 2 inches long	3. *intermedium.*
Leaves 3 inches or more long ...	3.
3. Calyx with closely adpressed scales ...	2. *candidum.*
Calyx with spreading bristles... ...	4. *sanguineum.*

1. **M. repens**, *Desr.*; Benth. Fl. Hongk. 113. Common on the summit of hills, Hongkong; near Lowu, Hongkong New Territory; hill near Chaochaufu, Swatow; Lofoushan. Fl. rose-purple, May.
2. **M. candidum**, *Don*; *M. macrocarpon*, Don; Benth. l. c. 113. Common on the hills, Hongkong; on hill north of King's Park, Kowloon, Hongkong New Territory; river bank near Chaochaufu; Macao; Pakhoi; Lofoushan. Fl. rose-purple, July.
3. **M. intermedium**, *Dunn* in Journ. Linn. Soc. xxxviii. 360. Lantao Island and Sheklipui, Hongkong New Territory; Fl. rose-purple, May.
4. **M. sanguineum**, *Sims*; *M. decemfidum*, Roxb.; Benth. l. c. 114. Very common on the hills, Hongkong; Lantao Island, Hongkong New Territory; Macao. Fl. rose-purple, May.

4.—BARTHEA.

1. **B. chinensis**, *Hook. f.*; *Dissochaeta Barthei*, Hance in Benth. Fl. Hongk. 115. Mt. Victoria and the north side of Mt. Cameron, Hongkong; Lantao Island, Taimoshan and Maönshan, Hongkong New Territory; top of the Phoenix Mt., Swatow. Fl. pink, April.

5.—ALLOMORPHIA.

1. **A. pauciflora**, *Benth.*; *Oxyspora pauciflora*, Benth. Fl. Hongk. 116. Rough grassy slopes, Victoria Peak, Hongkong; along the banks of the North River; Lienchow River. Fl. ——, August.

6.—BLASTUS.

1. **B. cochinchinensis**, *Lour.*; *Anplectrum parviflorum*, Benth. Fl. Hongk. 116. In the Happy Valley woods and at Quarry Bay, Hongkong; Lantao Island, Hongkong New Territory; Swatow; along the West River; Lofoushan. Fl. white, March.

7.—FORDIOPHYTON.

1. **F. cantonense**, *Stapf*; *Sonerila Fordii*, Oliv. in Hook. Ic. Pl. t. 1457. At Kwaisin, Hoifung; in swampy ground, Lofoushan. Fl. pink, August.

8.—GYMNAGATHIS.

1. **G. peperomiaefolia**, *Stapf*; *Sonerila peperomiaefolia*, Oliv. in Hook. Ic. Pl. t. 1814. On Maönshan, Hongkong New Territory; North River. Fl. white tinged with pink, February.

9.—SONERILA.

Key to species.

Very slender herb; fruit $\frac{3}{4}$-in. long ...	1. *tenera.*
Small robust herb; fruit $\frac{1}{2}$-in. long ...	2. *cantonensis.*

1. **S. tenera**, *R. Br.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 530. Mt. Gough, Hongkong; Hoifung; North River. Fl. rose-purple, September.
2. **S. cantonensis**, *Stapf* in Ann. Bot. vi. 302. Ting-u-shan, West River. Fl. ——.

10.—ANPLECTRUM.

A species of *Anplectrum* is recorded from Hoifung. Fl. white October.

11.—SARCOPYRAMIS.

1. **S. nepalensis**, *Wall.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 541. West River. Fl. red, ——.

12.—MEMECYLON.

Key to species.

Fruit 5 lines long; dried leaves green	1. *ligustrifolium.*
Fruit 3 lines long; dried leaves blackish	2. *nigrescens.*

1. **M. ligustrifolium** *Champ.*; Benth. Fl. Hongk. 117. Common in the Happy Valley woods, on Mt. Cameron and at Repulse Bay, Hongkong; Macao. Fl. blue, April.
2. **M. nigrescens,** *Hook.*; Walp. Rep. ii. 149. In the Happy Valley woods, Hongkong; Macao. Fl. ——.

LYTHRACEAE.

Key to genera.

1. Herb	1. *Ammannia.*
Shrub or tree	2.
2. Inflorescence lateral	2. *Woodfordia.*
Inflorescence terminal	3.
3. Calyx 4-partite...	3. *Lawsonia.*
Calyx 6-toothed	4. *Lagerstroemia.*

1.—AMMANNIA.

Key to species.

1. Aquatic	1. *myriophylloides.*
Terrestrial	2.
2. Flowers solitary, axillary or in sessile spikes	3.
Flowers in whorls, cymes or clusters ...	5.
3. Leaves round; flowers in terminal spikes	2. *rotundifolia.*
Flowers axillary	4.
4. Leaves elliptic, narrowed at the base	3. *peploides.*
Leaves oblong, not narrowed at the base	4. *pentandra.*
5. Leaves auriculate	5. *senegalensis.*
Leaves narrow at base	6. *baccifera.*

1. **A. myriophylloides,** *Dunn* in Journ. Bot. 1909, 199. In pools at Kwenping, Hoifung. Fl. rose-coloured, September.
2. **A. rotundifolia,** *Ham.*; Benth. Fl. Hongk. 111. Common in marshy places, Hongkong; Taimoshan at 1500 ft., Hongkong New Territory; Swatow; in swampy spots near Canton; Pakhoi. Fl. rose-coloured, January.
3. **A. peploides,** *Spreng.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 566. In a swamp in the Happy Valley, Hongkong; in a paddy field at Kuntong and near Sanwai, Hong New Territory; on the bank of the Han River, Swatow; around Canton. Fl. pink, October.
4. **A. pentandra,** *Roxb.*; Clarke l. c. 568. Canton; North River. Fl. pink, November.

5. **A. senegalensis**, *Lam.*; Clarke l. c. 570. In a swamp at East Point, Hongkong; White Cloud hills near Canton. Fl. pink, February.
6. **A. baccifera**, *Linn.*; Clarke l. c. 569. In paddy fields, Lamma Island, Hongkong New Territory; Canton; Pakhoi; North River. Fl. pink, January.

2.—WOODFORDIA.

1. **W. floribunda**, *Salisb.*; Clarke l. c. 572. At the Shiuhing Pass, West River. Fl. ——, May.

3.—LAWSONIA.

1. **L. inermis**, *Linn.*; *L. alba*, Lam.; Clarke l. c. 573. Pokfulam, Hongkong; Maönshan, Hongkong New Territory. Fl. white, June.

4.—LAGERSTROEMIA.

Key to species.

1.	Calyx glabrous	2.
	Calyx tomentose	1. *Fordii.*
2.	Calyx $\frac{1}{2}$ inch long	2. *indica.*
	Calyx $\frac{1}{4}$ inch long	3. *subcostata.*

1. **L. Fordii**, *Koehne* in Engl. Pflanzenr. Lythr. 262. Below the Pokfulam-Aberdeen Road near the sea, on cliffs at Cape d'Aguilar and on hills above Repulse Bay, Hongkong; Lantao Island, Hongkong New Territory. Fl. white, July.
2. **L. indica**, *Linn.*; Benth. Fl. Hongk. 113. At the Happy Valley and near the Buddhist Temple, Causeway Bay, Hongkong; Macao; on the banks of the North River. Fl. reddish-purple, July.
3. **L. subcostata**, *Koehne*; *L. microcarpa*, Hance in Journ. Bot. 1878, 107. Several trees 40 ft. high in the Little Hongkong woods, Hongkong; Lienchow River; Saichusan near Canton. Fl. white, June.

ONAGRACEAE.

Key to genera.

Stamens 8	1. *Ludwigia.*
Stamens 4–5	2. *Jussiaea.*

1.—LUDWIGIA.

1. **L. parviflora**, *Roxb.*; Benth. Fl. Hongk. 109. Hongkong without locality; Taimoshan and Three Fathoms Cove, Hongkong New Territory; in wet cultivated ground, Canton. Fl. yellow, September.

2.—JUSSIAEA.

Key to species.

Petals 4, yellow	... ...	1. *suffruticosa.*
Petals 5, white ...	... ...	2. *repens.*

1. **J. suffruticosa**, *Linn.*; *J. villosa*, Lam.; Benth. Fl. Hongk. 109. Without locality Hongkong; Swatow; Macao; North River. Fl. yellow, August.
2. **J. repens**, *Linn.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 587. At Kennedy town, Hongkong; banks of pond near Chaochaufu; Whampoa; Macao; West River. Fl. white, September.

SAMYDACEAE.

Key to genera.

Flowers fascicled	... ...	1. *Casearia.*
Flowers racemed	... ...	2. *Homalium.*

1.—CASEARIA.

Key to species.

Leaves rhomboid	... ...	1. *subrhombea.*
Leaves oblong ...	... ...	2. *glomerata.*

1. **C. subrhombea**, *Hance* in Journ. Bot. 1885, 323. At Shuikwan on the North River. Fl. yellowish, August.
2. **C. glomerata**, *Roxb.*; Benth. Fl. Hongk. 122. Near the Buddhist Temple, Causeway Bay and on Mt. Parker, Hongkong; in gardens near Chaochaufu, Swatow. Fl. yellowish, December.

2.—HOMALIUM.

1. **H. fagifolium**, *Benth.* Fl. Hongk. 122. In the Happy Valley woods and common in Hongkong; Lantao Island and Kanghau, Hongkong New Territory; Hoifung; Tingushan on the West River. Fl. white, April and October.

PASSIFLORACEAE.

1.—PASSIFLORA.

Key to species.

Leaves narrow, linear, glabrous	...	1. *lingulifolia.*
Leaves 3-lobed, ovate, hirsute	...	2. *foetida.*

1. **P. lingulifolia**, *Masters*; *P. hainanensis*, Hance in Journ. Bot. 1878, 227. Soongkong Island, Canton River; Pakhoi. Fl. white, March.
2. **P. foetida**, *Linn.*; Benth. Fl. Hongk. 123. On the edge of the Happy Valley woods, Hongkong; Lantao Island and Cheungshawan, Hongkong New Territory. Fl. purplish-white, September.

CUCURBITACEAE.

Key to genera.

1. Leaves compound	11. *Hemsleya.*
Leaves simple	2.
2. Petals fringed	1. *Trichosanthes.*
Petals entire	3.
3. Lower part of male calyx closed with scale	5. *Thladiantha.*
Calyx open	4.
4. Male calyx-tube short, campanulate ...	6.
Male calyx-tube narrower than long ...	5.
5. Male calyx-tube contracted above ...	2. *Gymnopetalum.*
Male calyx-tube cylindric	9.
6. Petals caudate	10. *Actinostemma.*
Petals obtuse	7.
7. Stamens inserted below mouth of calyx	8.
Stamens at the calyx mouth	3. *Luffa.*
8. Leaves 3-lobed or flowers subtended by large boat-shaped bracts	4. *Momordica.*
Leaves palmatipartite	9. *Melothria.*
9. Petioles longer than the leaf auricles...	8. *Mukia.*
Petioles shorter than auricles	7. *Zehneria.*

1.—TRICHOSANTHES.

Key to species.

1. Seeds compressed	2.
Seeds turgid with a central zone ...	4.
2. Leaves scabrid above	1. *Kirilowii.*
Leaves smooth	3.
3. Leaves with 3-5 shallow lobes ...	2. *japonica.*
Leaves deeply 5-7-lobed	3. *cucumerina.*
4. Bracts lanceolate, moderate sized ...	4. *himalensis.*
Male racemes ebracteate or with minute bracts	5. *cucumeroides.*

1. **T. Kirilowii,** *Maxim.*; Cogn. in DC. Monogr. Phan. iii. 370. On Mt. Kellet, Hongkong; Sanning; North River; Lofoushan. Fl. white, August.
2. **T. japonica,** *Regel*; Cogn. l. c. 371. Lienchow River. Fl. white, August.
3. **T. cucumerina,** *Linn.*; Cogn. l. c. 357. Customs' Pass, Hongkong New Territory. Fl. white, summer.
4. **T. himalensis,** *Clarke* in Hook. f. Fl. Brit. Ind. ii. 608. At Little Hongkong and near the Buddhist Temple, Causeway Bay, Hongkong; Yaumati and Lantao Island, Hongkong New Territory. Fl. white, August.
5. **T. cucumeroides,** *Maxim.*; *Bryonia cucumeroides*, Ser. in DC. Prodr. iii. 308. Hongkong without locality. Fl. white, Summer.

2.—GYMNOPETALUM.

1. **G. cochinchinense**, *Kurz*; Clarke in Hook. f. Fl. Brit. Ind. ii. 611. Chinwan, Hongkong New Territory; Hoifung; near Canton. Fl. white, September.

3.—LUFFA.

1. **L. acutangula**, *Roxb.*; Clarke l. c. 615. Macao. Fl. yellow, May.

4.—MOMORDICA.

Key to species.

Bracts large, embracing the peduncles	1. *cochinchinensis.*
Bracts small	2. *Charantia.*

1. **M. cochinchinensis**, *Spreng.*; Clarke l. c. 618. Lofoushan. Fl. white tinged with yellow, August.
2. **M. Charantia**, *Linn.*; Benth. Fl. Hongk. 125. Hongkong without locality; Lienchow River. Fl. yellow, August.

5.—THLADIANTHA.

Key to species.

Male racemes minutely bracteate ...	1. *nudiflora.*
Bracts large, ovate, incised	2. *calcarata.*

1. **T. nudiflora**, *Hemsl.* Enum. Pl. China, i. 316. Lienchow River. Fl. yellow, August.
2. **T. calcarata**, *Clarke* in Journ. Linn. Soc. xv. 126. Kwangtung? Fl. yellow, April–July.

6.—COCCINIA.

1. **C. indica**, *Wight et Arn.*; *Cephalandra indica*, Naud.; Clarke in Hook. f. Fl. Brit. Ind. ii. 621. Macao. Fl. white, September.

7.—ZEHNERIA.

1. **Z. umbellata**, *Thwaites*; *Kariria umbellata*, Arn.; Benth. Fl. Hongk. 124. Mt. Kellet, Hongkong; Taimoshan, Hongkong New Territory; Chaochaufu; Whampoa; Sanning. Fl. white, May.

8.—MUKIA.

1. **M. scabrella**, *Arn.*; Hook. f. Fl. Brit. Ind. ii. 623. Yit-hai, near Chaochaufu. Fl. yellow, April.

9.—MELOTHRIA.

Key to species.

Male calyx half as broad again as long	1. *indica.*
Male calyx half as long again as broad	2. *odorata.*

1. **M. indica,** *Lour.;* Clarke in Hook. f. Fl. Brit. Ind. ii. 626. Hoifung; Whampoa; Lienchow; North-west River; West River. Fl. white, September.
2. **M. odorata,** *Hook. f. et Thoms.*; *Aechmandra odorata,* Hook. f. et Thoms. *ex* Benth. Fl. Hongk. 124. Conduit Road, Hongkong; West River. Fl. white, October.

10.—ACTINOSTEMMA.

1. **A. lobatum,** *Maxim.;* Cogn. in DC. Mongr. Phan. iii. 921. West River. Fl. ——, August.

11.—HEMSLEYA.

1. **H. chinensis,** *Cogn.* in Hook. Ic. Pl. t. 1822. On the Yingfa branch of the North River. Fl. yellowish, August.

BEGONIACEAE.

1.—BEGONIA.

Key to species.

1. Capsule 3-winged	2.
Capsule not winged	7.
2. Capsule 3-celled	3.
Capsule 2-celled	5.
3. Stems leafy	9.
Leaf 1, radical	4.
4. Leaves biserrate	1. *fimbristipula.*
Leaves ciliate	2. *cyclophylla.*
5. Leaves equally cordate	6.
Leaves obliquely cordate	5. *laciniata.*
6. Petiole glabrous	4. *sikkimensis.*
Petiole hairy	3. *circumlobata.*
7. Wingless capsule with 4 small horns ...	6. *Roxburghii.*
Capsule angled only	8.
8. Leaves with peltate scales	7. *leprosa.*
Leaves without scales	8. *Bretschneideriana.*
9. Leaves hairy	9. *sinensis.*
Leaves glabrous	10. *Evansiana.*

1. **B. fimbristipula,** *Hance* in Journ. Bot. 1883, 202. North River; North-west River; Tingushan, West River; Lofoushan. Fl. rose-coloured, May.
2. **B. cyclophylla,** *Hook. f.* Bot. Mag. t. 6926. Tingushan, West River. Fl. rose-coloured, April.

3. **B. circumlobata,** *Hance* in Journ. Bot. 1883, 203. Lantao Island, Hongkong New Territory; Lienchow River near Sinshi. Fl. rose-coloured, August.
4. **B. sikkimensis,** *A. DC.* in DC. Prodr. xv. I. 349. Lofoushan. Fl. bright red, August.
5. **B. laciniata,** *Roxb.*; Benth. Fl. Hongk. 126. North side of Mt. Victoria, Mt. Gough, North side of Mt. Nicholson, Mt. Parker and Wongneichong, Hongkong; Lantao Island, Hongkong New Territory; by streams on the slopes of the Phoenix Mt., Swatow; Lienchow River; Lofoushan. Fl. pink, June.
6. **B. Roxburghii,** *A. DC.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 635. Lienchow River; Lofoushan. Fl. white, June.
7. **B. leprosa,** *Hance* in Journ. Bot. 1883, 203. Near Samtin on the Lienchow River. Fl. rose-coloured, August.
8. **B. Bretschneideriana,** *Hemsl.* in Hook. Ic. Pl. t. 2635. On a bank, Robinson Road, Hongkong; Lienchow River. Fl. pale rose, August.
9. **B. sinensis,** *A. DC.* in DC. Prodr. xv. I. 313. Lienchow River; North-west River. Fl. rose-coloured, August.
10. **B. Evansiana,** *Andrews* in DC. l. c. 313. Swatow; Lienchow River. Fl. rose-coloured, August.

CACTACEAE.

1.—OPUNTIA.

1. **O. Dillenii,** *Haw.*; DC. Prodr. iii. 472. Naturalised in Hongkong and Hongkong New Territory. Fl. yellow, Autumn.

FICOIDEAE.

Key to genera.

1.	Leaves thin	3. *Mollugo.*
	Leaves fleshy	2.
2.	Leaves linear	2. *Sesuvium.*
	Leaves ovate	1. *Tetragonia.*

1.—TETRAGONIA.

1. **T. expansa,** *Murr.*; DC. Prodr. iii. 452. Seashore at Causeway Bay, Hongkong; Lantao Island; fields near Swatow; Macao. Fl. yellow, April.

2.—SESUVIUM.

1. **S. Portulacastrum,** *Linn.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 659. At Taio, Lantao Island, Hongkong New Territory; Pakhoi on sandy seashores. Fl. bright rose, May.

3.—MULLUGO.

1. **M. stricta,** *Linn.*; Benth. Fl. Hongk. 23. Hongkong without locality; in cultivated fields, Swatow, Sanning, and Pakhoi; North River. Fl. white, August.

UMBELLIFERAE.

Key to genera.

1.	Flowers racemose or capitate	17.
	Flowers umbellate	2.
2.	Fruit with bristles or toothed lamellae	3.
	Fruit without bristles	4.
3.	Leaves palmatifid	3. *Sanicula.*
	Leaves bipinnatifid	16. *Torilis.*
4.	Fruit tomentose	9. *Phellopterus.*
	Fruit glabrous	5.
5.	Leaves all palmately nerved and orbicular in outline	1. *Hydrocotyle.*
	Leaves, at least the upper part, pinnately divided or linear	6.
6.	Leaves parallel-veined, linear or lanceolate...	4. *Bupleurum.*
	Leaves pinnately veined or divided ...	7.
7.	Fruit dorsally compressed	8.
	Fruit terete	9.
8.	Leaf segments capillary	14. *Ferula.*
	Leaf segments flat	14.
9.	Fruit nearly smooth	10.
	Fruit ridged	11.
10.	Leaf segments very narrow	17. *Coriandrum.*
	Leaf segments broad	6. *Pimpinella.*
11.	Leaf segments very narrow or capillary	12.
	Leaf segments broad	13.
12.	Plant stout	8. *Foeniculum.*
	Plant slender	5. *Apium.*
13.	Umbels sub-sessile	5. *Apium.*
	Umbels stalked	10. *Oenanthe.*
14.	Fruit little compressed, with 5 wings ...	15.
	Fruit with 2 lateral wings, or much compressed with no wings ...	16.
15.	Ultimate leaf lobes ovate	11. *Pleurospermum.*
	Ultimate leaf lobes linear	12. *Selinum.*
16.	Fruit with dark superficial vittae ...	15. *Peucedanum.*
	Fruit with no superficial vittae ...	13. *Angelica.*
17.	Flowers racemose	7. *Cryptotaenia.*
	Flowers capitate	2. *Eryngium.*

1.—HYDROCOTYLE.

Key to species.

1.	Primary and secondary ridges of fruit raised	1. *asiatica.*
	Primary ridges only prominent ...	2.
2.	Flower peduncles scapose from rooting nodes	2. *rotundifolia.*
	Flowering stem leafy	3.

3. Peduncles clustered at top of stem, shorter than the petioles ... ... 3. *javanica.*
   Peduncles scattered, often 3 times as long as the petioles ... ... 4.
4. Pedicels very short ... ... 4. *Wilfordi.*
   Pedicels longer than fruit ... ... 5. *burmanica.*

1. **H. asiatica,** *Linn.;* Benth. Fl. Hongk. 134. Very common in damp situations, Hongkong; Swatow; Canton; Pakhoi. Fl. white, May.
2. **H. rotundifolia,** *Roxb.;* Benth. l. c. 134. A common weed in Hongkong; at Yit-hai and Chaochaufu, Swatow; Whampoa; Pakhoi. Fl. white, April-June.
3. **H. javanica,** *Thunb.;* Clarke in Hook. f. Fl. Brit. Ind. ii. 667. Lienchow River; Lofoushan. Fl. white, July.
4. **H. Wilfordi,** *Maxim.* in Mél. Biol. xii. 463. In swampy ground at East Point, Hongkong; Shingmun Pass, Hongkong New Territory. Fl. white, May.
5. **H. burmanica,** *Kurz;* Clarke in Hook. f. Fl. Brit. Ind. ii. 668. Lofoushan at 3100 ft. Fl. white, August.

2.—ERYNGIUM.

1. **E. foetidum,** *Linn.;* DC. Prodr. iv. 94. Waste places about villages on the banks of the Han River, Swatow. Fl. white, April.

3.—SANICULA.

Key to species.

Fruit winged with lamellae ... ... 1. *lamelligera.*
Fruit wingless ... ... 2. *orthacantha.*

1. **S. lamelligera,** *Hance* in Journ. Bot. 1878, 11. North River; North-west River. Fl. white, July.
2. **S. orthacantha,** *S. Moore* in Journ. Bot. 1875, 227. Streams on the Phoenix Mt., Swatow. Fl. blue, April.

4.—BUPLEURUM.

1. **B. falcatum,** *Linn.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 676. Lienchow River. Fl. yellow, August.

5.—APIUM.

Key to species.

Leaf segments filiform ... ... 1. *leptophyllum.*
Leaf segments flat ... ... 2. *graveolens.*

1. **A. leptophyllum,** *F. Muell.*; *Helosciadium leptophyllum,* DC. Prodr. iv. 105. A common weed by the roadsides on Victoria Peak, Hongkong. Fl. white, May.
2. **A. graveolens,** *Linn.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 679. In fields near Chaochaufu. Fl. white, April.

6.—PIMPINELLA.

1. **P. diversifolia**, *DC.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 688. Lantao Island, Hongkong New Territory; White Cloud hills, Canton; Tsingyune on the North River; Lofoushan. Fl. white, August.

7.—CRYPTOTAENIA.

1. **C. canadensis**, *DC.* Prodr. iv. 119. Sichushan near Canton. Fl. white, April.

8.—FOENICULUM.

1. **F. vulgare**, *Gaertn.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 695. On the river bank near Chaochaufu, Swatow. Fl. yellow, April.

9.—PHELLOPTERUS.

1. **P. littoralis**, *Benth.* in Benth. et Hook. f. Gen. Pl. i. 905. At Sheko, Hongkong; Pakhoi. Fl. white, April.

10.—OENANTHE.

Key to species.

Peduncle shorter than the breadth of its umbellule	1. *benghalensis.*
Peduncle usually more than twice as long as the breadth of its umbellule	2. *stolonifera.*

1. **O. benghalensis**, *Benth. et Hook. f.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 696. In sandy soil on the bank of a stream near the Pokfulam Rd., Hongkong; in fields near Chaochaufu; Pakhoi. Fl. white, March.
2. **O. stolonifera**, *DC.*; Clarke, l. c. 696. Borders of rice fields near Canton. Fl. white, May.

11.—PLEUROSPERMUM.

1. **P. dentatum**, *Benth.*; Clarke l. c. 704. Hill near Chaochaufu; Kwaisin, Hoifung; Lofoushan. Fl. white, April–September.

12.—SELINUM.

1. **S. Monnieri**, *Linn.*; *Seseli daucifolium*, Clarke l. c. 693. Macao; West River. Fl. white, May.

13.—ANGELICA.

1. **A. citriodora**, *Hance* in Journ. Bot. 1871, 131. White Cloud hills, Canton. Fl. white, October.

14.—FERULA.

1. **F. marathrophylla**, *Walp.* Rep. v. 877. Capsuimun, Hongkong New Territory. Fl. yellow, ——.

15.—PEUCEDANUM.

Key to species.

Leaf segments finely and regularly serrate, decurrent	1. *decursivum.*
Leaf segments irregularly incise-serrate, hardly decurrent	2. *terebinthaceum.*

1. **P. decursivum,** *Maxim.* in Mél. Biol. xii. 472. Lantao Island, Hongkong New Territory; North River? Fl. white, October.
2. **P. terebinthaceum,** *Fisch.*; Ledeb. Fl. Ross. ii. 314. Lienchow River. Fl. white, August.

16.—TORILIS.

1. **T. Anthriscus,** *Gmel.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 718. Margins of rice fields and waste ground near Canton; West River. Fl. white, May.

17.—CORIANDRUM.

1. **C. sativum,** *Linn.*; Hook. f. Fl. Brit. Ind. ii. 717. Casual in Hongkong? Fl. white, ——.

ARALIACEAE.

Key to genera.

1.	Leaves simple	4.
	Leaves digitate or bipinnate	2.
2.	Leaves digitate	3.
	Leaves bipinnate	5.
3.	Leaflets 3–5; thorny shrub	2. *Acanthopanax.*
	Leaflets 7 or more; unarmed tree ...	3. *Heptapleurum.*
4.	Climber	6. *Hedera.*
	Tree	4. *Dendropanax.*
5.	Leaflets glabrous	5. *Heteropanax.*
	Leaflets downy or spiny	1. *Aralia.*

1.—ARALIA.

Key to species.

Fruit nearly sessile	1. *dasyphylla.*
Fruit much shorter than pedicel ...	2. *spinosa.*

1. **A. dasyphylla,** *Miq.* in Ann. Mus. Bot. Lugd.-Bat. i. 9. At Taipo, Hongkong New Territory; Kwaisin, Hoifung; Lofoushan. Fl. white, September.
2. **A. spinosa,** *Linn.*; *A. chinensis*, Linn.; Benth. Fl. Hongk. 135. In the Happy Valley woods and on Mt. Gough, Hongkong; at Hopuilok, Hongkong New Territory; near Yithai village, Han River; Macao. Fl. white, September.

2.—ACANTHOPANAX.

Key to species.

1.	Umbels terminal on the main branches; petiole prickly; leaflets usually 3, smooth above	1. *aculeatum.*
	Umbels terminal on short lateral shoots or lateral; petiole scarcely prickly; leaflets usually 5	2.
2.	Umbels terminal on short lateral shoots; leaflets scabrous above	2. *nodiflorum.*
	Umbels lateral; leaflets smooth above	3. *spinosum.*

1. **A. aculeatum,** *Seem.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 726. Hillside on southwest of Happy Valley, Hongkong; Lantao Island and Plovers' Cove, Hongkong New Territory; Swatow; in thickets near Canton; Macao; Sanning; Lienchow River. Fl. white, August.
2. **A. nodiflorum,** *Dunn* in Journ. Bot. 1909, 199. Lienchow River. Fl. white, August.
3. **A. spinosum,** *Miq.*; *Aralia pentaphylla,* Thunb.; DC. Prodr. iv. 259. Hill near Chaochaufu. Fl. white, April.

3.—HEPTAPLEURUM.

Key to species.

Leaves glabrous beneath	1. *octophyllum.*
Leaves tomentose beneath	2. *impressum.*

1. **H. octophyllum,** *Hance.*; *Paratropia cantoniensis,* Hook. et Arn.; Benth. Fl. Honk. 136. Common in Hongkong; at Tin-tso-ngam, Hongkong New Territory; hill near Chaochaufu; Macao. Fl. white, November.
2. **H. impressum,** *Clarke* in Hook. f. Fl. Brit. Ind. ii. 728. At Kwaisin, Hoifung. Fl. white, September.

4.—DENDROPANAX.

Key to species.

1.	Fruit elliptic, ribbed; leaves reticulate	1. *japonicum.*
	Fruit globose; leaves not reticulate ...	2.
2.	Leaves all entire, 3-nerved; flowers under 1 line long	2. *parviflorum.*
	Some leaves trilobed; flowers 1½ lines long...	3. *proteum.*

1. **D. japonicum,** *Seem.*; Clarke l. c. 733. Kwaisin, Hoifung; Lofoushan. Fl. white, August.
2. **D. parviflorum,** *Benth.* Fl. Honk. 137. Mt. Nicholson, Mt. Gough and Pokfulam, Hongkong. Fl. white, August.
3. **D. proteum,** *Benth.* l. c. 136. In the Happy Valley woods, Mt. Gough and Mt. Victoria, Hongkong; Lantao Island at 1000 ft., Hongkong New Territory; Green Island, Macao. Fl. white, September.

5.—HETEROPANAX.

1. **H. fragrans**, *Seem.*; Clarke in Hook. f. Fl. Brit. Ind. ii. 734. In a mandarin's garden, Canton. Fl. white, August.

6.—HEDERA.

1. **H. Helix**, *Linn.*; Clarke l. c. 739. On the top of the Phoenix Mt., Swatow. Fl. green, October.

CORNACEAE.

Key to genera.

1.	Petals long and narrow	2.
	Petals short	3.
2.	Stamens numerous	2. *Marlea.*
	Stamens 4	1. *Alangium.*
3.	Flowers bisexual	3. *Cornus.*
	Flowers unisexual	4. *Aucuba.*

1.—ALANGIUM.

1. **A. Lamarckii**, *Thwaites*; Clarke in Hook. f. Fl. Brit. Ind. ii. 741. Hongkong without locality. Fl. greenish, April.

2.—MARLEA.

1. **M. begoniaefolia**, *Roxb.*; Benth. Fl. Hongk. 138. In the Happy Valley woods and at East Point, Hongkong; Lantao Island, Hongkong New Territory; Swatow; Lienchow River. Fl. cream-coloured, May.

3.—CORNUS.

Key to species.

1.	Flowers in heads	1. *hongkongensis.*
	Flowers in corymbs	2.
2.	Leaves narrow-oblong, acute	2. *paucinervis.*
	Leaves ovate, obtuse	3. *Fordii.*

1. **C. hongkongensis**, *Hemsl.*; *Benthamia japonica*, Benth. Fl. Hongk. 138. Rare in the Happy Valley woods, one tree on the northern face of Mt. Parker and one tree on Mt. Kellet, Hongkong; on Lantao Peak at 1300 ft., Hongkong New Territory. Fl. white, April.
2. **C. paucinervis**, *Hance* in Journ. Bot. 1881, 216. West River, Fl. white, May.
3. **C. Fordii**, *Hemsl.* in Kew Bull. 1909, 334. Lienchow River. Fl. ——.

4.—AUCUBA.

1. **A. chinensis**, *Benth.* Fl. Hongk. 138. In the Happy Valley woods, very rare, Hongkong. Fl. green, February.

CAPRIFOLIACEAE.

Key to genera.

1. Leaves pinnate ... ... 1. *Sambucus.*
   Leaves simple ... ... 2.
2. Corolla rotate ... ... 2. *Viburnum.*
   Corolla tubular or campanulate ... 3.
3. Fruit dry with a persistent calyx ... 3. *Abelia.*
   Fruit a berry ... ... 4. *Lonicera.*

1.—SAMBUCUS.

1. **S. javanica**, *Blume*; Clarke in Hook. f. Fl. Brit. Ind. iii. 2. On a bank between Upper and Lower Albert Roads, Hongkong; at Malautong, Hongkong New Territory; Swatow; common on brick rubbish, Canton. Fl. white, September.

2.—VIBURNUM.

Key to species.

1. Veins of leaves running direct into teeth 2.
   Veins of leaves anastomosing at margin 5.
2. Inflorescence tomentose, ray flowers wanting ... ... 3.
   Inflorescence thinly hairy, corymb rayed ... ... 4. *Hanceanum.*
3. Petiole stipulate ... ... 1. *erosum.*
   Petiole exstipulate ... ... 4.
4. Leaves glabrous above ... ... 2. *Fordiae.*
   Leaves pubescent above ... ... 3. *hirtulum.*
5. Basal veins ascending more than three-quarters of leaf ... ... 5. *sempervirens.*
   Veins not reaching beyond middle of leaf ... ... 6.
6. Flowers paniculate ... ... 6. *odoratissimum.*
   Flowers corymbose ... ... 7. *lutescens.*

1. **V. erosum**, *Thunb.*; DC. Prodr. iv. 327. Hills near Chaochaufu. Fl. white, April.
2. **V. Fordiae**, *Hance* in Journ. Bot. 1883, 321. Lantao Island, Hongkong New Territory; on the bank of a stream at Chaochaufu, Swatow; Tingushan on the West River; Lofoushan at 400 ft. Fl. white, April.
3. **V. hirtulum**, *Rehd.* in Sarg. Trees and Shrubs, ii. 115. North River. Fl. white, November.
4. **V. Hanceanum**, *Maxim.* in Mél. Biol. x. 662. Swatow; in a shrubby ravine below the monastery, White Cloud hills, Canton. Fl. white, March.
5. **V. sempervirens**, *C. Koch*; *V. venulosum*, Benth. Fl. Hongk. 142. On Mt. Gough and Mt. Victoria, Hongkong; Lantao Island, Maönshan and Hahang, Hongkong New Territory; near Phoenix Mt., Swatow; on the Lanfa Mt., Hoifung; Macao. Fl. white, May.

6. **V. odoratissimun,** *Ker*; Benth. l. c. 143. At Chaiwan, on Mt. Parker and near Taitam Tuk, Hongkong; on the river bank near Swatow. Fl. cream-coloured, April.
7. **V. lutescens,** *Blume*; DC. Prodr. iv. 325. Lienchow River. Fl. white, March.

3.—ABELIA.

1. **A. chinensis,** *R. Br.*; DC. Prodr. iv. 339. On a hill above road leading from Repulse Bay to Stanley, Hongkong; Lantao Island, Hongkong New Territory; Lienchow River; North River. Fl. white, October.

4.—LONICERA.

Key to species.

1. Branches with long spreading hairs; leaves acuminate; flowers 2–2⅜ inches long	1. *macrantha.*
Branches glabrous or shortly pubescent	2.
2. Ovary pubescent	3.
Ovary glabrous...	4.
3. Inflorescence and under side of leaves tomentose	2. *reticulata.*
Inflorescence and under side of leaves pubescent or thinly hairy	3. *confusa.*
4. Leaves abruptly narrowed at the base	4. *longiflora.*
Leaves rounded at the base	5.
5. Bracts subulate...	6.
Bracts foliaceous	6. *japonica.*
6. Leaves acuminate	5. *affinis.*
Leaves acute or obtuse	2. *reticulata.*

1. **L. macrantha,** *DC.*; Benth. Fl. Hongk. 143. Very common in various parts of Hongkong; Lantao Island, Hongkong New Territory. Fl. white changing to yellow, March.
2. **L reticulata,** *Champ.*; Benth. l. c. 144. At Taitam Tuk and on the tops of hills, Hongkong; Taimoshan, Hongkong New Territory; hill near Chaochaufu. Fl. white changing to yellow, July.
3. **L. confusa,** *DC.*; *L. multiflora*, Champ.; Benth. l. c. 144. Hongkong without locality; Lantao Island and uplands near Hahang, Hongkong New Territory; Lienchow River; Lofoushan. Fl. white changing to yellow, May.
4. **L. longiflora,** *DC.*; Benth. l. c. 143. In the Happy Valley and on Mt. Victoria, Hongkong. Fl. white changing to yellow, May.
5. **L. affinis,** *Hook. et Arn.*; Maxim. in Mél. Biol. x. 58. On the bank of the Han River, Swatow. Fl. white changing to yellow, April.
6. **L. japonica,** *Thunb.*; *L. chinensis*, Wats.; DC. Prodr. iv. 333. At the side of Conduit Road between Castle Road and Hatton Road, Hongkong. Fl. white changing to yellow. April.

RUBIACEAE.

Key to genera.

1.	Shrub or tree	2.
	Herb, sometimes woody at base	25.
2.	Flowers in stalked heads	22.
	Flowers not in stalked heads ...	3.
3.	Ovules many to the cell	4.
	Ovules solitary in each cell ...	12.
4.	Fruit a berry or drupe	7.
	Fruit a dry capsule or nut ...	5.
5.	Flowers solitary, axillary ...	5. *Thysanospermum* (p. 125).
	Flowers in terminal panicles or cymes	7.
6.	Flowers in a terminal panicle ...	6. *Wendlandia* (p. 125).
	Flowers in terminal corymbose cymes	4. *Dunnia* (p. 125).
7.	Calyx lobes of outer flowers enlarged	12. *Mussaenda* (p. 129).
	Calyx lobes uniform	8.
8.	Flowers large, solitary, corolla lobes 6 or more	16. *Gardenia* (p. 131).
	Lobes of corolla and calyx 5 ...	9.
9.	Flowers small, in dense axillary clusters	17. *Diplospora* (p. 132).
	Flowers in panicles or cymes ...	10.
10.	Bark white, corky, thick ...	13. *Adenosacme* (p. 130).
	Bark thin, brownish	11.
11.	Inflorescences all terminal ...	14. *Webera* (p. 130).
	Inflorescences chiefly axillary ...	15. *Randia* (p. 131).
12.	Flowers in many-flowered terminal cymes, corolla tube over 1-inch long	13.
	Flowers small or few together ...	14.
13.	Stigmas recurved	20. *Ixora* (p. 132).
	Stigmas erect, connivent	21. *Pavetta* (p. 132).
14.	Thorny shrub	24. *Damnacanthus* (p. 133).
	Unarmed	15.
15.	Tall twining shrub	29. *Paederia* (p. 134).
	Erect or creeping...	16.
16.	Stipules bristly	31. *Serissa* (p. 134).
	Stipules without bristles	17.
17.	Flowers involucrate	30. *Leptodermis* (p. 134).
	Flowers without an involucre ...	18.
18.	Flowers axillary	19.
	Flowers terminal	21.
19.	Flowers in close fascicles ...	28. *Lasianthus* (p. 133).
	Flowers in stalked or loose inflorescences	20.
20.	Flowers in small stalked cymes ...	18. *Antirrhoea* (p. 132).
	Flowers in loose axillary cymes ...	22. *Canthium* (p. 132).

21.	Corolla tube slender, curved ...	26. *Chasalia* (p. 133).
	Corolla tube short, straight ...	25. *Psychotria* (p. 133).
22.	Stipules hooked	3. *Uncaria* (p. 125).
	Stipules straight	23.
23.	Fruits separate, dry, capitate ...	2. *Adina* (p. 124).
	Fruits coherent	24.
24.	Tree	1. *Cephalanthus* (p. 124).
	Diffuse or climbing shrub ...	23. *Morinda* (p. 133).
25.	Leaves verticillate	26.
	Leaves opposite	27.
26.	Leaves linear, not cordate ...	34. *Galium* (p. 135).
	Leaves cordate, lanceolate ...	33. *Rubia* (p. 135).
27.	Stem creeping, with reniform leaves	27. *Geophila* (p. 133).
	Leaves not reniform	28.
28.	Small diffuse herb, with small solitary axillary flowers	7. *Dentella* (p. 125).
	Flowers not small, solitary and axillary	29.
29.	Fruit obcordate, compressed, much wider than long	11. *Ophiorrhiza* (p. 129).
	Fruit cylindric or ovate, much longer than wide	30.
30.	Capsule loculicidal between distant calyx teeth	31.
	Capsule septicidal between contiguous calyx teeth or indehiscent	8. *Hedyotis, etc.* (p. 125).
31.	Seeds minute, angular	9. *Oldenlandia* (p. 128).
	Seeds globose, concave	10. *Anotis* (p. 128).

1.—CEPHALANTHUS.

1. **C. occidentalis**, *Linn.*; *C. naucleoides*, DC.; Hook. f. Fl. Brit. Ind. iii. 24. On the bank of a stream near Sanwai, Hongkong New Territory; Hoifung; North-west River. Fl. white, August to October.

2.—ADINA.

Key to species.

1.	Heads racemose	1. *racemosa*.
	Heads solitary	2.
2.	Heads axillary; leaves cuneate acuminate	2. *globiflora*.
	Heads terminal; leaves ovate acute	3. *rubella*.

1. **A. racemosa**, *Miq.*; Maxim. in Mél. Biol. ix. 270. Lienchow River. Fl. yellowish, August.
2. **A. globiflora**, *Salisb.*; Benth. Fl. Hongk. 146. Common on the sides of streams, Hongkong; on the Lanfa Mt., Hoifung; Sanning; Lienchow River; Lofoushan. Fl. white, July.
3. **A. rubella**, *Hance* in Journ. Bot. 1868, 114. Swatow; Lienchow, North and West Rivers. Fl. very pale rose, July.

3.—UNCARIA.

1. **U. hirsuta,** *Haviland* in Journ. Linn. Soc. xxxiii. 88. In a ravine south of Sheko Gap, Hongkong; Lantao Island, Hongkong New Territory. Fl. white, April.

4.—DUNNIA.

1. **D. sinensis,** *Tutcher* in Journ. Linn. Soc. xxxvii. 70. Sanning. Fl. ——.

5.—THYSANOSPERMUM.

1. **T. diffusum,** *Champ.*; Benth. Fl. Hongk. 146. Abundant on Mt. Victoria, on Mt. Kellet, Mt. Nicholson, and at Taitam Tuk, Hongkong; hills near Chaouchaufu. Fl. white, June.

6.—WENDLANDIA.

1. **W. paniculata,** *DC.*; Hook. f. Fl. Brit. Ind. iii. 39. Along the West River; west of Canton. Fl. white, March.

7.—DENTELLA.

1. **D. repens,** *Forst.*; Hook. f. l. c. 42. Around Canton. Fl. white, March.

8.—HEDYOTIS.

Key to species of the genera *Hedyotis*,

Anotis (No. 10), *Knoxia* (No. 19), and *Spermacoce* (No. 32).

1. Corolla lobes short, ovate or oblong	2.
Corolla divided nearly to base, lobes linear	21.
2. Inflorescence terminal	3.
Inflorescence axillary, or leaves subulate	13.
3. Heads dense	4.
Cymes paniculate	6.
4. Calyx teeth oblong	8.
Calyx teeth deltoid	1. *H. capituligera.*
5. Leaves glabrous	2. *H. uncinella.*
Leaves scabrous above, pubescent beneath	3. *H. xanthochroa.*
6. Shrub	4. *H. lancea.*
Herb, sometimes woody at base ...	10.
7. Branches nearly round	9.
Branches square	11.
8. Stem 4-winged	5.
Stem terete	24.
9. Inflorescence little exserted, peduncles short	6. *H. Vachellii.*
Inflorescence much exserted, peduncles long	22.

10.	Stipules entire	7.
	Stipules fringed	23.
11.	Stipules and leaves small, linear...	8. *H. Parryi.*
	Stipules triangular	12.
12.	Calyx teeth ovate ; flowers white	9. *H. acutangula.*
	Calyx teeth lanceolate ; flowers purple	10. *H. consanguinea.*
13.	Cymes pedunculate	14.
	Cymes sessile	15.
14.	Cymes condensed, head-like ...	1. *Anotis boerhaaviodes* (p. 128).
	Cymes expanded	11. *H. loganioides.*
15.	Stipules fringed	16.
	Stipules toothed	2. *Anotis chrysotricha* (p. 128).
16.	Leaves 1-nerved	17.
	Leaves many - nerved ; flowers many, crowded	20.
17.	Stems square	18.
	Stems round	12. *H. hispida.*
18.	Leaves narrow; fascicles many-flowered, dense	19.
	Leaves narrow ; fascicles few-flowered	13. *H. tenelliflora.*
19.	Flowers 1 line long	1. *Spermacoce stricta* (p. 135).
	Flowers 3-4 lines long	14. *H. pinifolia.*
20.	Leaves round, apiculate ; whorls 2-6-flowered	2. *Spermacoce hispida* (p. 135).
	Leaves acuminate ; whorls many-flowered	26.
21.	Broad-leaved shrub ; calyx teeth ovate erect	19. *H. bracteosa.*
	Broad-leaved herb ; calyx teeth recurved	16. *H. macrostemon.*
22.	Fruit oblong or ovoid	25.
	Fruit globular	7. *H. effusa.*
23.	Flowers pedicellate in spreading cymes	3. *Anotis Thwaitesiana* (p. 128).
	Flowers subsessile, crowded ...	1. *Knoxia corymbosa* (p. 132).
24.	Flowers 1 inch long	5. *H. pulcherrima.*
	Flowers less than ½ inch long ...	1. *Anotis boerhaavioides* (p. 128).
25.	Fruit oblong	17. *H. Matthewii.*
	Fruit ovoid	18. *H. tenuipes.*
26.	Leaves stalked, smooth beneath ...	15. *H. auriculata.*
	Leaves sessile, glabrous beneath ...	3. *Spermacoce semi-erecta* (p. 135).

1. **H. capituligera,** *Hance* in Journ. Bot. 1879, 12. North River. Fl. white, July.

2. **H. uncinella,** *Hook. et Arn.*; Benth. Fl. Hongk. 149. Shaukiwan, Mt. Parker and Stanley, Hongkong; near Temple, Fautimun, Hongkong New Territory; White Cloud hills, Canton; Pakhoi. Fl. white, July.
3. **H. xanthochroa,** *Hance* in Journ. Bot. 1885, 324. Lofoushan at 3400 ft. Fl. blue, August.
4. **H. lancea,** *Thunb.* ex Maxim. in Mél Biol. xi. 780. Near Santan village, Lantao Island, Hongkong New Territory; Macao. Fl. white, June.
5. **H. pulcherrima,** *Dunn* sp. n. a speciebus vicinis florum magnitudine distincta.

Herba floribunda perennis, basi sublignosa. *Folia* ovata, apice breviter acuta vel obtusa, basi rotundata, 2·6–5 cm. longa, integra, margine revoluta, chartacea, costis cum caulibus supremis dense scabro-puberulis, aliter glabra, venis utrinque 3–4 adscendentibus: petioli 4–6 mm. longi. *Flores* in fasciculos terminales dispositi. *Calyx* 5 mm. longus, lobis lanceolatis tubum superantibus. *Corolla* infundibuliformis, 1·6 cm. longa, 8 mm. lata, cœrulea, lobis 4–6 mm. longis patentibus intus pubescentibus. *Stamina* fauce corollae inserta, inclusa, antheris oblongis. *Stylus* filiformis, tubo corollae paullo brevior, stigmate 2–fido, lobis recurvis. *Capsula* crustacea per totam longitudinem septicide dehiscens.

A beautiful perennial growing in clefts of rocks near the summit of the Phoenix Mountain and bearing in April masses of large blue flowers, at 5–6000 ft. Dunn's Han Expedition, Herb. Hongk. n. 6018.

6. **H. Vachellii,** *Hook. et Arn.*; Benth. Fl. Hongk. 148. On Mt. Nicholson, Hongkong; Lantao Island, Hongkong New Territory; White Cloud hills, Canton; Macao. Fl. white, May.
7. **H. effusa,** *Hance* in Journ. Bot. 1879, 11. Sanning; Northwest River; in woods above the Temple of Tingushan on the West River. Fl. white, August.
8. **H. Parryi,** *Hance*; Maxim. in Mél Biol. xi. 783. Swatow; Poklo, East River; on the top of low hills near Canton; Pakhoi. Fl. pink, September.
9. **H. acutangula,** *Champ.*; Benth. Fl. Hongk. 148. Common on Mt. Victoria and elsewhere, Hongkong; Lantao Island, Hongkong New Territory; Kwaisin, Hoifung. Fl. purplish white, June.
10. **H. consanguinea,** *Hance*; Maxim in Mél Biol. xi. 782. Whampoa. Fl. purple, May.
11. **H. loganioides,** *Benth.* Fl. Hongk. 149. In the Happy Valley woods, on Mt. Gough and in a wood above Little Hongkong, Hongkong; Kwaisin, Hoifung; Macao. Fl. white, June.
12. **H. hispida,** *Retz.*; *Oldenlandia hispida*, Benth. Fl. Hongk. 150. Mt. Davis near the sea, Deepwater Bay and Repulse Bay, Hongkong; Lantao Island, Hongkong New Territory; Chaochaufu; Lanfa Mt., Hoifung. Fl. light purple, June.

13. **H. tenelliflora,** *Blume*; *Oldenlandia angustifolia*, Benth. Fl. Hongk. 151. On the Peak Road, Hongkong; Macao; Lofoushan. Fl. white, June.
14. **H. pinifolia,** *Wall.*; Hook. f. Fl. Brit. Ind. iii. 60. At Little Hongkong, Hongkong; Lantao Island, Hongkong New Territory; on the bank of the River Han, Swatow; hills near Canton; Macao. Fl. white August.
15. **H. auricularia,** *Linn.*; Benth. Fl. Hongk. 150. Hongkong without locality; paddy fields near Chaochaufu; White Cloud hills, Canton; Whampoa; North River; Tingushan on the West River; Lofoushan. Fl. pink, April—June.
16. **H. macrostemon,** *Hook. et Arn.*; *H. recurva*, Benth. Fl. Hongk. 148. Common in ravines climbing over shrubs, Hongkong; Lantao Island, Taimoshan at 1500 ft., near Hahang and at Lowu, Hongkong New Territory; Lanfa Mt. Hoifung; Macao; Lofoushan. Fl. white, September—November.
17. **H. Matthewii,** *Dunn* in Journ. Bot. 1909, 376. Lienchow River. Fl. white, November.
18. **H. tenuipes,** Hemsl. Enum. Pl. China. i. 375. At Yit-hai, Swatow; North River; Lofoushan. Fl. pink, September.
19. **H. bracteosa,** *Hance* in Journ. Bot. 1885, 323. At Mirs Bay and at Ukautin, Hongkong New Territory; Lofoushan. Fl. green, June and December.

9.—OLDENLANDIA.

Key to species.

1.	Leaves elliptic	2.
	Leaves linear	3.
2.	Calyx tube winged, produced above capsule	1. *alata.*
	Calyx tube angled, equal to capsule ...	2. *paniculata.*
3.	Pedicels much longer than fruit ...	3. *corymbosa.*
	Pedicels equal to fruit...	4. *diffusa.*

1. **O. alata,** *Hook. f.* Fl. Brit. Ind. iii. 70. Wet rocks at Tingushan on the West River. Fl. white, June.
2. **O. paniculata,** *Linn.*; Benth. Fl. Hongk. 152. Pokfulam, Hongkong; dry bank near Yit-hai, Swatow. Fl. white, April.
3. **O. corymbosa,** *Linn.*; *O. herbacea*, DC.; Benth. l. c. 151. Causeway Bay and Mt. Parker, Hongkong; Swatow; Hoifung; Pakhoi. Fl. white, June to September.
4. **O. diffusa,** *Roxb.*; *O. herbacea*, var. a. *uniflora*, Benth. l. c. 151. In waste places, Hongkong; on the bank of paddy fields near Yit-hai, Swatow; Pakhoi. Fl. white, April.

10.—ANOTIS.

For key see *Hedyotis* (p. 125).

1. **A. boerhaavioides,** *Maxim.*; *Hedyotis boerhaavioides*, Hance in Journ. Bot. 1870, 73. Rocky torrent beds, Kowloon

catchwater, Hongkong New Territory; in the Sheung-kintai ravine of the White Cloud hills, Canton; Sanning. Fl. white, September.

2. A. **chrysotricha**, *Palibin* in Bull. Herb. Boiss. sér. 2, vi. 20. Banks of Han River; North-west River. Fl. white or mauve, May.

3. A. **Thwaitesiana**, *Maxim.*; *Hedyotis Thwaitesiana*, Hance in Journ. Bot. 1868, 298. At the Shiuhing Pass, West River. Fl. white, February.

11.—OPHIORRHIZA.

Key to species.

1.	Flowers 3 lines long	1. *pumila.*
	Flowers 6–8 lines long...	2.
2.	Leaves obtuse at base	2. *japonica.*
	Leaves acuminate at base	3. *cantonensis.*

1. O. **pumila**, *Champ.*; Benth. Fl. Hongk. 147. In ravines of Mt. Victoria and Mt. Gough and at Wongneichong, Hongkong; Lantao Island at 1400 ft. among stones under scrub; Lofoushan. Fl. white, May.

2. O. **japonica**, *Blume*; *O. Eyrei*, Champ.; Benth. Fl. Hongk. 147. Mt. Parker, and in moist ravines, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; on the slopes of the Phoenix Mt., Swatow. Fl. white, March.

3. O. **cantonensis**, *Hance* in Ann. Sc. Nat. 4me série, xviii. 222. Taimoshan, Hongkong New Territory; Swatow; Lienchow River; Tingushan on the West River. Fl. white, February.

12.—MUSSAENDA.

Key to species.

1.	Calyx teeth much longer than tube ...	1. *frondosa.*
	Calyx teeth not longer than tube ...	2.
2.	Whole plant pubescent	2. *pubescens.*
	Whole plant nearly glabrous; calyx teeth very short	3.
3.	Leaves narrow at base	3. *glabra.*
	Leaves ovate	4. *erosa.*

1. M. **frondosa**, *Linn.*; Hook. f. Fl. Brit. Ind. iii. 89. West River. Fl. yellow, May.

2. M. **pubescens**, *Ait. f.*; Benth. Fl. Hongk. 153. Very common in Hongkong; Swatow; Macao; West River. Fl. yellow, May.

3. M. **glabra**, *Hook. et Arn.* Bot. Beech. Voy. 264 *non* Vahl. Hillside near Yit-hai, Swatow; Lienchow River. Fl. yellow, May.

4. **M. erosa,** *Champ.*; Benth. Fl. Hongk. 153. In ravines of Mt. Victoria and in the Happy Valley woods, Hongkong; at Taipo, Hongkong New Territory; on hill near Chaochaufu, Swatow; Lienchow River; Tingushan on the West River. Fl. yellow, April.

13.—ADENOSACME.

Key to species.

Leaves coriaceous; stipules very short 1. *coriacea.*
Leaves membranous; stipules long, foliaceous ... ... 2. *longifolia.*

1. **A. coriacea,** *Dunn* sp. n. a ceteris generis speciebus foliis coriaceis distincta.

Frutex 1–2 m. altus, ramis nodosis, cortice albido nitente. *Folia* lanceolata, ad apicem obtusum et in petiolum brevem gradatim angustata, 6–10 cm. longa, integra, coriacea, glabra, venis 8–11-paribus, petiolo 2–4 mm. longo; stipulae late triangulares, 4 mm. longae, primo ciliolatae. *Panicula* praeter corollas glabra, terminalis, siccitate nigrescens, ante anthesin rubra, 5–7 cm. longa. *Flores* 13 mm. longi, minute bracteati; pedicelli 2 mm. longi, graciles. *Calyx* 4 mm. longus, dentibus anguste triangularibus tubo aequilongis. *Corolla* alba, cylindrica, 10 mm. longa, 2 mm. lata, praeter annulum staminalem pubescentem glabra; segmenta 5, aestivatione valvata, tandem erecto-patentia, 2 mm. longa. *Stamina* 5, in tubo corollae medio subsessilia. *Ovarium* biloculare, placentis axillaribus multi-ovulatis. *Fructus* baccatus; semina reticulata.

On the lower hills round Chaochaufu in flower in April and at the top of the Phoenix Mountain in bud at about the same date. Dunn's Han Expedition, Hongkong Herb. n. 6210.

2. **A. longifolia,** *Wall.*; Hook. f. Fl. Brit. Ind. iii. 95. Lienchow River; Lofoushan. Fl. yellow, August.

14.—WEBERA.

Leaves, stems and corymbs glabrous ... 1. *attenuata.*
Leaves, stems and corymbs softly pubescent ... ... 2. *mollissima.*

1. **W. attenuata,** *Hook. f.*; *Stylocoryne Webera*, A. Rich.; Benth. Fl. Hongk. 156. In the Happy Valley woods, Cape d'Aguilar and Aberdeen New Road, Hongkong. Fl. white, May.

2. **W. mollissima,** *Benth.*; *Stylocoryne mollissima*, Benth. l. c. 156. In the Happy Valley woods, on Mt. Victoria, near the Buddhist Temple, Causeway Bay, wood above Deepwater Bay and at Taitam Tuk, Hongkong; on Maönshan, Hongkong New Territory. Fl. white, May.

15.—RANDIA.

Key to species.

1.	Calyx limb 5-fid; shrub usually thorny	2.
	Calyx teeth short; unarmed shrub ...	4.
2.	Corolla tube shorter than limb ...	1. *dumetorum.*
	Corolla tube slender, longer than limb; calyx teeth acuminate	3.
3.	Calyx hispid	2. *sinensis.*
	Calyx glabrous	3. *accedens.*
4.	Fascicles few-flowered	6.
	Cymes bi-trichotomous with very short pedicels; corolla tube much shorter than lobes	5.
5.	Corolla tube pubescent outside ...	4. *densiflora.*
	Corolla tube glabrous outside ...	5. *acutidens.*
6.	Pedicels very short	6. *leucocarpa.*
	Pedicels elongated	7. *canthioides.*

1. **R. dumetorum**, *Lam.*; Benth. Fl. Hongk. 154. In the Happy Valley and at Little Hongkong, Hongkong; at Hahang, Hongkong New Territory; French Island, Whampoa; Tai-iushan, Samshui. Fl. white, April.
2. **R. sinensis**, *Roem. et Schult.*; Benth. l. c. 155. Hongkong without locality; Lantao Island and Lamma Island, Hongkong New Territory; in the neighbourhood of Canton. Fl. white, April.
3. **R. accedens**, *Hance*; Maxim. Mél. Biol. xi. 791. In bushy places, Macao; Pakhoi. Fl. white, April.
4. **R. densiflora**, *Benth.* Fl. Hongk. 155. In the Happy Valley woods, in a ravine below the Wongneichong-Taitam catchwater, Hongkong; at Sanning. Fl. cream-coloured, April.
5. **R. acutidens**, *Hemsl. et Wils.* in Kew Bull. 1906, 160; var. *laxiflora*, Dunn in Journ. Bot. 1907, 403. In the wood east of the racecourse, on hill south of Wongneichong Gap and south of Wanchai Gap, Hongkong. Fl. cream-coloured, April.
6. **R. leucocarpa**, *Champ.*; Benth. l. c. 154. On Victoria Peak and in the Happy Valley woods, Hongkong; Ma-onshan and without locality, Hongkong New Territory. Fl. white, May.
7. **R. canthioides**, *Champ.*; Benth. l. c. 155. Aberdeen New Road, Little Hongkong, and Causeway Bay, Hongkong; Lofoushan. Fl. cream-coloured, April.

16.—GARDENIA.

1. **G. florida**, *Linn.*; Benth. Fl. Hongk. 153. Not uncommon in ravines and on the hills, Hongkong; Lantao Island. Hongkong New Territory; Swatow; Lienchow River. Fl. white, May.

17.—DIPLOSPORA.

1. **D. viridiflora,** *DC.*; Benth. Fl. Hongk. 157. In the Happy Valley woods and on Victoria Peak, Hongkong; Lantao Island at 1500 ft., Hongkong New Territory; hill near Chaochaufu; Lofoushan. Fl. straw-coloured, April.

18.—ANTIRRHOEA.

1. **A. chinensis,** *Benth. et Hook.*; *Guetardella chinensis*, Champ.; Benth, Fl. Hongk. 158. On Mt. Gough and Mt. Victoria, Hongkong; above Tungchung, Lantao Island, Hongkong New Territory. Fl. yellow, May.

19.—KNOXIA.

See key to *Hedyotis* (p. 125).

1. **K. corymbosa,** *Willd.*; Benth. Fl. Hongk. 164. Mt. Kellet, Hongkong; White Cloud hills, Canton; Wongmau Island. Fl. purplish, July.

20.—IXORA.

1. **I. chinensis,** *Lam.*; *I. stricta*, Roxb.; Benth. l.c. 158. In the woods behind the Buddhist Temple, Causeway Bay and at Chaiwan, Hongkong; common on hills in the Hongkong New Territory; Macao. Fl. orange-scarlet, June.

21.—PAVETTA.

1. **P. indica,** *Linn.*; Hook. f. Fl. Brit. Ind. iii. 150. In the Happy Valley woods, on Mt. Gough, on Mt. Victoria and Taitam Tuk, Hongkong; Maönshan, Hongkong New Territory; Hoifung; Macao. Fl. white, May.

22.—CANTHIUM.

Key to species.

Unarmed tree; leaves 3 inches long, glabrous ... ... 1. *didymum.*
Thorny shrub; leaves 1 inch long, pubescent underneath ... ... 2. *parvifolium.*

1. **C. didymum,** *Gaertn.*; Benth. Fl. Hongk. 159. In the Happy Valley woods, Hongkong. Fl. white, May.
2. **C. parvifolium,** *Roxb.*; *C. horridum*, Benth. l.c. *non* Blume. Hongkong without locality; hills near Sainam on the North River. Fl. pale green with yellow centre, Summer.

23.—MORINDA.

Key to species.

Leaves glabrous	1. *umbellata.*
Leaves hirsute on under side	2. *villosa.*

1. **M. umbellata,** *Linn.*; Benth. Fl. Hongk. 159. Common in Hongkong; Pakhoi; Lienchow River; Lofoushan. Fl. cream-coloured, May.
2. **M. villosa,** *Hook. f.* Fl. Brit. Ind. iii. 158. Maönshan, Hongkong New Territory. Lofoushan. Fl.—, May, June.

24.—DAMNACANTHUS.

1. **D. indicus,** *Gaertn.*; Hook. f. Fl. Brit. Ind. iii. 158. North River. Fl. white, March.

25.—PSYCHOTRIA.

Key to species.

1. Erect shrub or tree	2.
Creeping plant	1. *serpens.*
2. Corolla tube longer than broad ...	2. *Tutcheri.*
Corolla tube broader than long ...	3. *elliptica.*

1. **P. serpens,** *Linn.*; Benth. Fl. Hongk. 161. Common, growing over trees and rocks; Hongkong; Swatow; Chaochaufu; Lappa Island; Macao; Pakhoi; Lofoushan. Fl. white, June.
2. **P. Tutcheri,** *Dunn* in Journ. Bot. 1910, 324. Not uncommon in the Happy Valley woods. Fl. white, May.
3. **P. elliptica,** *Ker*; Benth. Fl. Hongk. 161. Very common on the hillsides, Hongkong; Shalotung, Hongkong New Territory; Swatow; Hoifung; Whampoa; Macao; Lofoushan. Fl. white, May.

26.—CHASALIA.

1. **C. curviflora,** *Thwaites*; Hook. f. Fl. Brit. Ind. iii. 176. Lofoushan. Fl. white, April.

27.—GEOPHILA.

1. **G. reniformis,** *D. Don*; Hook. f. Fl. Brit. Ind. iii. 178. In a shady ravine behind the Buddhist Temple, Causeway Bay, Hongkong; on the North River. Fl. white, July.

28.—LASIANTHUS.

Key to species.

1. Cymes pedunculate	1. *micranthus*
Cymes sessile	2.
2. Bracts subulate, much longer than calyx; leaves subsessile	3.
Bracts much shorter than calyx; leaves stalked	4.

3. Leaves with about 6 pairs of nerves, obliquely cordate	2. *Wallichii.*
Leaves with about 10 pairs of nerves, acute at base	3. *cyanocarpus.*
4. Fruit and stem glabrous	4. *Fordii.*
Fruit pubescent or hirsute	5.
5. Leaves shortly tomentose beneath ...	5. *chinensis.*
Leaves strigose on veins beneath ...	6. *trichophlebus.*

1. **L. micranthus,** *Hook. f.* Fl. Brit. Ind. iii. 190. Lienchow River. Fl. ——.
2. **L. Wallichii,** *Wight*; Hook. f. l.c. 180. In the Happy Valley woods and on the north side of Mt. Victoria; Yit-hai, Han River; Lienchow River. Fl. white, April.
3. **L. cyanocarpus,** *Jack*; Benth. Fl. Hongk. 160. In the Happy Valley woods and behind the Buddhist Temple, Causeway Bay, Hongkong. Fl. white, May.
4. **L. Fordii,** *Hance* in Journ. Bot. 1885, 324. Swatow; Lofoushan. Fl. white, August.
5. **L. chinensis,** *Benth.* Fl. Hongk. 160. In the Happy Valley woods, Victoria Peak and elsewhere, Hongkong; Lantao Island and Chinglanshi, Hongkong New Territory; hill near Chaochaufu. Fl. white, May.
6. **L. trichophlebus,** *Hemsl.* Enum. Pl. China, i. 388. Slopes of the Phoenix Mt., Swatow; Lofoushan. Fl. white, April.

29.—PAEDERIA.

1. **P. tomentosa,** *Blume*; *P. foetida,* Thunb.; Benth. Fl. Hongk. 162. Very common in Hongkong; near the Saikung Road, Hongkong New Territory; Macao; Lofoushan. Fl. white and pink, September.

30.—LEPTODERMIS.

Key to species.

Plant subglabrous	1. *oblonga.*
Plant tomentose	2. *vestita.*

1. **L. oblonga,** *Bunge*; Walp. Rep. ii. 488. Lienchow River. Fl. white, December.
2. **L. vestita,** *Hemsl.* Enum. Pl. China, i. 390. Lienchow River. Fl. white, August.

31.—SERISSA.

Key to species.

Corolla tube about equal to calyx teeth	1. *Democritea.*
Corolla tube about twice the calyx teeth	2. *foetida.*

1. **S. Democritea,** *Baill.*; *Democritea serissoides,* DC. Prodr. iv. 540. Lienchow. Fl. ——.
2. **S. foetida,** *Comm.*; DC. Prodr. iv. 575. On Victoria Peak, Hongkong; on the bank of the Han River, Swatow; Lienchow River. Fl. white, May.

32.—SPERMACOCE.

For key to species see *Hedyotis* (p. 125).

1. **S. stricta**, *Linn. f.*; Benth. Fl. Hongk. 162. Near Stanley, Hongkong; Lantao, Hongkong New Territory. Fl. white, September.
2. **S. hispida**, *Linn.*; Benth. l. c. 163. On the sandy beach at Deepwater Bay, Hongkong; Kowloon, Hongkong New Territory; on the bank of the Han River, Swatow and at Hoifung; Pakhoi; West River. Fl. purple, April–October.
3. **S. semierecta**, *Roxb.*; Benth. l. c. 163. Hongkong without locality. Fl. white, ——.

33.—RUBIA.

1. **R. cordifolia**, *Linn.*; Hook. f. Fl. Brit. Ind. iii. 202. Lienchow River. Fl. yellowish, July.

34.—GALIUM.

Key to species.

Leaves linear-oblanceolate	1. *Aparine.*
Leaves linear-lanceolate	2. *gracile.*

1. **G. Aparine**, *Linn.*; Benth. Fl. Hongk. 164. In hedges without locality, Hongkong; Swatow; a common weed in waste places, Canton. Fl. greenish-white, April.
2. **G. gracile**, *Bunge*; *G. miltorrhizum*, Hance in Journ. Bot. 1868, 114. Lienchow River. Fl. white, April.

VALERIANACEAE.

1.—PATRINIA.

Key to species.

Leaves mostly lyrate; fruit narrowly winged	1. *scabiosaefolia.*
Leaves mostly spathulate or lanceolate	2. *villosa.*

1. **P. scabiosaefolia**, *Fisch.*; DC. Prodr. iv. 624. Lienchow River; Yintak, N. River; Lofoushan. Fl. yellow, August.
2. **P. villosa**, *Juss.*; DC. l. c. Lienchow River; North River; Lofoushan. Fl. yellow, August.

COMPOSITAE.

Key to Genera.

1. Female flowers in separate bur-like heads	25. *Xanthium* (p. 144).
Heads hermaphrodite	2.

2.	Florets all similar	3.
	Outer florets dissimilar, slender or rayed	15.
3.	Florets all ligulate	5.
	Florets all tubular and hermaphrodite	4.
4.	Leaves alternate	5.
	Leaves opposite	12.
5.	Heads many-flowered	6.
	Heads 2–5-flowered	11.
6.	Involucre imbricated in 2 or more rows	7.
	Involucre of 10–15 equal bracts in one row	9.
7.	Pappus plumose	8.
	Pappus setose or scaly	52.
8.	Leaves and usually involucre prickly	41. *Cnicus* (p. 149).
	Leaves not prickly	42. *Saussurea* (p. 149).
9.	Involucre with smaller bracts at base ; style branches with long points	10.
	Involucre plain ; style branches obtuse	39. *Senecio* (p. 148).
10.	Flowers red	40. *Emilia* (p. 148).
	Flowers yellow	38. *Gynura* (p. 147).
11.	Flower heads clustered	2. *Elephantopus* (p. 139).
	Flower heads in a long spike ...	43. *Ainsliaea* (p. 149).
12.	Achenes with long barbed bristles, linear	31. *Bidens* (p. 145).
	Achenes with capillary or chaffy bristles, short	13.
13.	Pappus hairs tipped with a gland	3. *Adenostemma* (p. 139).
	Pappus hairs not glandular ...	14.
14.	Pappus of chaffy dilated bristles...	4. *Ageratum* (p. 139).
	Pappus hairs slender	5. *Eupatorium* (p. 139).
15.	Outer florets slender, female, not ligulate	17.
	Outer florets ligulate	16.
16.	Receptacle naked	40.
	Receptacle paleaceous	30.
17.	Pappus of many hairs	18.
	Pappus 0 or very short	25.
18.	Outer female florets few	22. *Inula* (p. 144).
	Outer female florets very numerous	19.
19.	Involucral bracts herbaceous or subulate	21.
	Involucral bracts thin, hyaline ...	20.
20.	Stems tall, stiff, with thick tomentum	20. *Anaphalis* (p. 143).
	Stems weak, straggling	21. *Gnaphalium* (p. 143).
21.	Anthers obtuse at the base ...	22.
	Anthers tailed at the base ...	24.

22. Leaves all linear	12. *Erigeron* (p. 141).
Upper or all leaves ovate ...	23.
23. Large erect straggling or climbing perennial	23a.
Small erect annual	14. *Conyza* (p. 142).
23a. Stem winged	16. *Laggera* (p. 143).
Stem wingless	13. *Microglossa* (p. 141).
24. Involucral bracts broad, obtuse ...	17. *Pluchea* (p. 143).
Involucral bracts linear, acute ...	15. *Blumea* (p. 142).
25. Large erect herb	32.
Small or prostrate annual ...	26.
26. Heads solitary	27.
Heads in corymbs or panicles ...	29.
27. Heads lateral, leaf opposed ...	34.
Heads solitary, terminal	28.
28. Leaves sinuate and toothed, stem-clasping	8. *Grangea* (p. 140).
Leaves 1-2-pinnatifid, lobes mucronate	34. *Cotula* (p. 146).
29. Heads on slender divaricate paniculate stalk	7. *Dichrocephala* (p. 140).
Heads in small close corymbs ...	9. *Cyathocline* (p. 140).
30. Leaves opposite	31.
Leaves alternate	39.
31. Pappus barbed	31. *Bidens* (p. 145).
Pappus 0 or setaceous	35.
32. Heads small, very numerous ...	37. *Artemisia* (p. 147).
Heads large, few	33.
33. Heads erect	19. *Sphaeranthus* (p. 143).
Heads cernuous	23. *Carpesium* (p. 144).
34. Involucral bracts orbicular ...	18. *Epaltes* (p. 143).
Involucral bracts oblong	35. *Myriogyne* (p. 146).
35. External bracts spreading, glandular	27. *Siegesbeckia* (p. 145).
External bracts not glandular ...	36.
36. Heads subtended by a few leafy bracts	37.
Bracts uniform, not leafy ...	38.
37. Small spreading herb	26. *Sanvitalia* (p. 145).
Coarse erect plant	30. *Synedrella* (p. 145).
38. Flowers white	28. *Eclipta* (p. 145).
Flowers yellow	29. *Wedelia* (p. 145).
39. Leaves entire or toothed	24. *Anisopappus* (p. 144).
Leaves pinnatifid	32. *Glossogyne* (p. 146).
40. Leaves alternate	41.
Leaves radical	47.
41. Pappus 0 or very short	42.
Pappus setaceous	44.
42. Flower heads under $\frac{1}{6}$ inch ...	10. *Lagenophora* (p. 140).
Flower heads $\frac{1}{3}$ inch or more ...	43.
43. Involucral bracts scarious at edge	33. *Chrysanthemum* (p. 146).
Involucral bracts herbaceous ...	11. *Aster* (p. 140).

44. Flowers white or purple	11. *Aster* (p. 140).
Flowers yellow	45.
45. Involucral bracts in single row ...	39. *Senecio* (p. 148).
Involucral bracts imbricated ...	46.
46. Ray florets about 8	6. *Solidago* (p. 140).
Ray florets very numerous ...	22. *Inula* (p. 144).
47. Scapose perennial	44. *Gerbera* (p. 149).
Small prostrate annual	36. *Soliva* (p. 146).
48. Achenes beaked	49.
Achenes not beaked	50.
49. Leaves cauline	48. *Lactuca* (p. 150).
Leaves radical	45. *Taraxacum* (p. 149).
50. Involucral bracts imbricate in many rows	51.
Involucral bracts in a single row with a few small outer bracts	53.
51. Leaves cauline	49. *Sonchus* (p. 150).
Leaves radical	50. *Launaea* (p. 151).
52. Pappus scaly	4. *Ageratum* (p. 139).
Pappus setose	1. *Vernonia* (p. 138).
53. Pappus wanting	45. *Lapsana* (p. 149).
Pappus present	46. *Crepis* (p. 150).

1.—VERNONIA.

Key to species.

1. Involucral bracts acute	2.
Involucral bracts oblong, obtuse	5.
2. Achenes glabrous	3.
Achenes hairy	4.
3. Heads scattered	1. *chinensis.*
Heads in a terminal corymb	2. *saligna.*
4. Heads on short lateral branches ...	3. *Clivorum.*
Heads in a terminal corymb	4. *cinerea.*
5. Involucral bracts woolly all over ...	5. *solanifolia.*
Involucral bracts woolly on margins only...	6. *Andersoni.*

1. **V. chinensis,** *Less.*; Benth. Fl. Hongk. 169. Common in waste places, Hongkong; Lantao Island, Hongkong New Territory; on the river bank near Chaochaufu; Canton; Lofoushan. Fl. purple, April–October.
2. **V. saligna,** *DC.*; Hook. f. Fl. Brit. Ind. iii. 235. On the south side of Mt. Parker, Hongkong; Lantao Island, Hongkong New Territory; Lofoushan, 1000 ft. Fl. white, October.
3. **V. Clivorum,** *Hance* in Journ. Bot. 1869, 164. At Shiuhing on the West River. Fl. purple, February–October.
4. **V. cinerea,** *Less.*; Benth. Fl. Hongk. 169. A common weed in Hongkong; at Lokloha, Hongkong New Territory; in fields near Chaochaufu. Fl. purple, all the year.
5. **V. solanifolia,** *Benth.* l. c. 169. Frequent in Hongkong; Taimoshan at 1500 ft., Hongkong New Territory; hill near Chaochaufu. Fl. light purple, February.

6. **V. Andersoni**, *Clarke*; Hook. f. Fl. Brit. Ind. iii. 241. On Victoria Peak and at Little Hongkong, Hongkong; Junk Island, Hongkong New Territory; hill near Chaochaufu. Fl. purple, February.

2.—ELEPHANTOPUS.

Key to species.

1. Flower heads subtended by cordate or ovate bracts	1. *scaber.*
Flower heads subtended by linear bracts	2. *spicatus.*

1. **E. scaber**, *Linn.*; Benth. Fl. Hongk. 170; *mollis*, H. B. K. Common in waste places, Hongkong; near Sanwai, Hongkong New Territory; Swatow; Pakhoi. Fl. purple, April.
2. **E. spicatus**, *Aubl.*; *Distreptus spicatus*, Cass. et Less.; DC. Prodr. v. 87. On a bank on May Road, Hongkong; on the river bank near Chaochaufu. Fl. white, April.

3.—ADENOSTEMMA.

1. **A. viscosum**, *Forst.*; Benth. Fl. Hongk. 171. At Little Hong-Kong, Hongkong; by the side of a stream east of the Kowloon Catchwater, Hongkong New Territory; wet places near the foot of the White Cloud hills, Canton. Fl. white, October.

4.—AGERATUM.

1. **A. conyzoides**, *Linn.*; Benth. l. c. 171. A common weed on waste ground, Hongkong; cultivated ground, Chaochaufu; Fatshan, near Canton. Fl. blue or white, all the year.

5.—EUPATORIUM.

Key to species.

1. Leaves ovate; involucral bracts obtuse	2.
Leaves linear; involucral bracts acute	1. *Lindleyanum.*
2. Leaves rounded at base	3.
Leaves narrowed at base	4.
3. Leaves gland-dotted beneath	3. *melanadenium.*
Leaves eglandular	4. *Reevesii.*
4. Leaves linear-lanceolate; odour like lavender	5. *Stoechadosmum.*
Leaves ovate	2. *japonicum.*

1. **E. Lindleyanum**, *DC.*; Benth. Fl. Hongk. 172. Mt. Victoria, and Mt. Davis, Hongkong; Fatshan; Lienchow River. Fl. white, July.
2. **E. japonicum**, *Thunb.*; *E. Wallichii*, DC.; Benth. l. c. 172. Mt. Gough, Hongkong; Lantao Island, and near Sanwai Hongkong New Territory; on the Lanfa Mt., Hoifung, Canton; Lienchow River; North River. Fl. white, October.

3. **E. melanadenium,** *Hance* in Journ. Bot. 1885, 325. Lofoushan at 1700 ft. Fl. white, August.
4. **E. Reevesii,** *Wall.*; Benth. Fl. Hongk. 172. Hongkong without locality; Whampoa; Macao. Fl. white, October.
5. **E. stoechadosmum,** *Hance* in Ann. Sc. Nat. sér. 4, xviii. 222. Wild at Tsingyun, North River; Yeungshui, Lienchow River; cultivated at Whampoa by the Chinese. Fl. whitish, November.

6.—SOLIDAGO.

1. **S. Virgaurea,** *Linn.*; Benth. l. c. 179. On Victoria Peak, Mt. Davis and elsewhere, Hongkong; Swatow; Kwaisin, Hoifung; White Cloud hills, Canton. Fl. yellow, November.

7.—DICHROCEPHALA.

1. **D. latifolia,** *DC.*; Benth. l. c. 173. Hongkong without locality; Swatow; Kwaisin, Hoifung. Fl. white, June–September.

8.—GRANGEA.

1. **G. maderaspatana,** *Poir.*; Benth. l. c. 185. In the Happy Valley, Hongkong; Pakhoi. Fl. yellow, April.

9.—CYATHOCLINE.

1. **C. lyrata,** *Cass.*; Hook. f. Fl. Brit. Ind. iii. 246. Kwangtung without locality. Fl. rose-purple, February to April.

10.—LAGENOPHORA.

1. **L. Billardieri,** *Cass.*; Benth. Fl. Hongk. 173. In a lawn at Victoria Peak, Hongkong. Fl. white and yellow, April.

11.—ASTER.

Key to species.

1.	Peduncles longer than the hemispherical involucres	3.
	Peduncles shorter than the turbinate involucres	2.
2.	Involucral bracts acute	1. *brevipes.*
	Involucral bracts obtuse	2. *baccharoides.*
3.	Leaves stem-clasping	4.
	Leaves narrowed at base, not clasping	5.
4.	Radical leaves persistent	3. *striatus.*
	No radical leaves at time of flowering	7.
5.	Leaves (lower) suddenly contracted into winged petiole	4. *scaber.*
	Leaves cuneate or rounded below ...	6.

6. Pappus 0	5. *indicus.*
Pappus setose	8.
7. Upper leaves entire, obtuse	6. *Fordii.*
Upper leaves serrate, acuminate ...	7. *panduratus.*
8. Leaves tomentose on both sides ...	8. *Sampsoni.*
Leaves glabrous or scabrous	9.
9. Middle leaves linear	9. *Gerlachii.*
Middle leaves ovate or oblong, very scabrous	10. *trinervius.*

1. **A. brevipes**, *Benth.* Fl. Hongk. 175. Hongkong without locality ; Kanghau, Hongkong New Territory. Fl. white and yellow, October to January.
2. **A. baccharoides**, *Steetz* ; Benth. l. c. 175. Common on the hills in Hongkong ; Kwaisin, Hoifung. Fl. white and yellow, October.
3. **A. striatus**, *Champ.* ; Benth. l. c. 174. On the south side of Mt. Kellet, Hongkong. Fl. light blue and yellow, October.
4. **A. scaber**, *Thunb.* ; *Doellingerias cabra*, Nees ; DC. Prodr. v. 263. Lofoushan, 1000 ft. Fl. white and yellow, August.
5. **A. indicus**, *Linn.* ; *Boltonia indica*, Benth. Fl. Hongk. 174. Hongkong without locality ; Fatshan River ; Macao ; North River ; Lofoushan. Fl. purple and yellow, November.
6. **A. Fordii**, *Hemsl.* Enum. Pl. China, i. 410. Lantao Island and on the hills around Kowloon reservoir, Hongkong New Territory ; Swatow ; Lofoushan, 800 ft. Fl. purple and yellow, April to August.
7. **A. panduratus**, *Nees* ; Walp. Rep. vi. 119. Lintin Island, Canton River. Fl. lilac and yellow, ——.
8. **A. Sampsoni**, *Hemsl.* ; *Heteropappus Sampsoni*, Hance in Journ. Bot. 1867, 370. At the top of the White Cloud hills, and in grassy places along the West River. Fl. white and yellow, January.
9. **A. Gerlachii**, *Hance* in Journ. Bot. 1880, 262. Along the North River. Fl. white and yellow, November to January.
10. **A. trinervius**, *Roxb.* ; Benth. Fl. Hongk. 174. Along the Pokfulam Conduit, Mt. Nicholson and the Happy Valley, Hongkong ; banks of the Han River, Swatow ; White Cloud hills, Canton. Fl. white and yellow, October.

12.—ERIGERON.

1. **E. linifolius**, *Willd.* ; Benth. Fl. Hongk. 176. Common on roadsides, Hongkong ; hills near Chaochaufu ; Lofoushan. Fl. white, April.

13.—MICROGLOSSA.

1. **M. volubilis**, *DC.* ; *Erigeron pyrifolius*, Benth. Fl. Hongk. 176. Hongkong without locality ; Lantao Island, Hongkong New Territory ; Macao. Fl. green, June.

14.—CONYZA.

1. **C. japonica**, *Less.* *C. veronicaefolia*, Wall.; Benth. l. c. 176. About Victoria, Hongkong; Kwangtung without locality. Fl. yellow, April to October.

15.—BLUMEA.

Key to species.

1.	Heads distinctly peduncled	2.
	Upper heads sessile, clustered ...	3.
2.	Leaves glabrous	1. *chinensis.*
	Leaves pubescent	2. *laciniata.*
3.	Heads very numerous, paniculate; leaves large	4.
	Heads mostly in a few clusters ...	5.
4.	Leaves glabrous	3. *myriocephala.*
	Leaves very silky beneath	4. *balsamifera.*
5.	Heads usually in compact sessile clusters	6.
	Heads often in stalked clusters ...	8.
6.	Upper leaves elongate silvery beneath	5. *sericans.*
	Leaves ovate	7.
7.	Corolla yellow	6. *glomerata.*
	Corolla purple	7. *Wightiana.*
8.	Upper leaves stalked	8. *lacera.*
	Upper leaves sessile	9.
9.	Lower leaves oblong, ovate, gradually reduced into the petiole, teeth few	9. *hongkongensis.*
	Lower leaves ovate, serrate	10. *hieracifolia.*

1. **B. chinensis**, *DC.*; Benth. Fl. Hongk. 177. At Cape d'Aguilar, Hongkong; Kwangtung without locality. Fl. yellow, November.
2. **B. laciniata**, *DC.*; *B. glandulosa*, Benth. Fl. Hongk. 177 *non* DC. At Chaiwan and Aberdeen, Hongkong; river bank near Chaochaufu. Fl. yellow, April.
3. **B. myriocephala**, *DC.*; Hook f. Fl. Brit. Ind. iii. 269. In a shady place at Little Hongkong, Hongkong. Fl. yellow, January.
4. **B. balsamifera**, *DC.*; Hook. f. l. c. 262. Lamma Island, Hongkong New Territory; hill near Chaochaufu; Lanfa Mt., Hoifung. Fl. yellow, September.
5. **B. sericans**, *Hook. f.*; *B. hieracifolia*, var. *holosericea*, Benth. Fl. Hongk. 178. Hongkong without locality. Fl. yellow, ——.
6. **B. glomerata**, *DC.*; Hook. f. Fl. Brit. Ind. iii. 262. At Shiuhing Pass on the West River. Fl. yellow, May.
7. **B. Wightiana**, *DC.*; Benth. Fl. Hongk. 178. Hongkong without locality. Fl. ——.
8. **B. lacera**, *DC.*; Benth. l. c. 178. Common in paddy fields and waste places, Hongkong; river bank near Chaochaufu; Whampoa; West River. Fl. yellow, April to August.

9. B. hongkongensis, *Vaniot* in Bull. Acad. Géogr. Bot. xii. 22. In a wood at Pokfulam, Hongkong ; Lantao Island ; Sanning. Fl. yellow, August.
10. B. hieracifolia, *DC.* ; Benth. Fl. Hongk. 178. Hongkong without locality ; near Chaochaufu ; Whampoa. Fl. yellow, April.

16.—LAGGERA.

1. L. alata, *Schultz-Bip.* ; *Blumea alata*, DC. ; Benth. Fl. Hongk. 1 7. Victoria Road, Hongkong ; in King's Park, Kowloon ; on the bank of the River Han, Swatow. Fl. yellow, April.

17.—PLUCHEA.

Key to species.

Heads in large compound panicles or corymbs	1. *indica.*
Heads few, scattered	2. *pteropoda.*

1. P. indica, *Less.* ; Benth. Fl. Hongk. 179. Bushy places near the sea ; Hongkong without locality ; Lantao Island, Hongkong New Territory ; Ookaisa ; Whampoa. Fl. pink, June.
2. P. pteropoda, *Hemsl.* Enum. Pl. China i. 422. Bushy places near the sea ; Cape d'Aguilar, Hongkong ; Lo Fou Ferry, Hongkong New Territory ; Hoifung ; Pakhoi. Fl. purple, October.

18.—EPALTES.

1, E. australis, *Less.* ; DC. Prodr. v. 462. Marshes, Wanchai Gap,Hongkong ; Pakhoi. Fl. purple, May to June.

19.—SPHAERANTHUS.

1. S. africanus, *Linn.* ; Hook. f. Fl. Brit. Ind. iii. 275. Whampoa. Fl. white, March.

20.—ANAPHALIS.

1. A. adnata, *DC.* ; Hook. f. l. c. 282. Swatow ; Kwaisin, Hoifung ; Lofoushan at 3100 ft. Fl. white, August.

21.—GNAPHALIUM.

Key to species.

1.	Flower heads in terminal corymbs ...	2.
	Flower heads in axillary clusters or in a terminal spike	3.
2.	Leaves linear, glabrous above... ...	1. *hypoleucum.*
	Leaves linear, spathulate, white on both sides	2. *multiceps.*

3. Flower heads about 2 lines long ... 3. *purpureum.*
Flower heads about 1 line long ... 4. *indicum.*

1. **G. hypoleucum,** *DC.*; Benth. Fl. Hongk. 187. Hongkong without locality. Fl. yellow, December.
2. **G. multiceps,** *Wall.*; Benth. l. c. 188. A weed in gardens, Hongkong; Swatow; Kwaisin, Hoifung; Maisaon; Lofoushan. Fl. yellow, March.
3. **G. purpureum,** *Linn.*; Benth. l. c. 188. A garden weed, Hongkong; on the banks of streams near Chaochaufu. Fl. white?, April.
4. **G. indicum,** *Linn.*; Benth. l. c. 188. In waste places at Chaiwan, Hongkong; in fields near Chaochaufu; abundant at Canton. Fl. white, March.

22.—INULA.

Key to species.

Flowers radiate... ... ... 1. *britannica.*
Flowers discoid ... ... 2. *Cappa.*

1. **I. britannica,** *Linn.*; DC. Prodr. v. 467. Lienchow River. Fl. yellow, December.
2. **I. Cappa,** *DC.*; Benth. Fl. Hongk. 180. Common in Hongkong on the hills; on hills near Chaochaufu. Fl. yellow, November.

23.—CARPESIUM.

Key to species.

Heads in leafy racemes ... ... 1. *abrotanoides.*
Heads solitary on long leafy branches 2. *Atkinsonianum.*

1. **C. abrotanoides,** *Linn.*; Hook. f. Fl. Brit. Ind. iii. 301. On the city walls and on brick rubbish, Canton; Lienchow River. Fl. yellow, December.
2. **C. Atkinsonianum,** *Hemsl.* in Kew Bull. 1893, 157. Kwaisin, Hoifung; Lofoushan. Fl. yellow, September.

24.—ANISOPAPPUS.

1. **A. chinensis,** *Hook. et Arn.*; Benth. Fl. Hongk. 180. On the hills near Stanley, Hongkong; in Fungun valley, and near Sanwai, Hongkong New Territory; Hoifung; White Cloud hills, Canton; Lofoushan. Fl. yellow, October.

25.—XANTHIUM.

1. **X. strumarium,** *Linn.*; Benth. Fl. Hongk. 181. Common in waste places, Hongkong; on the river bank Chaochaufu; North River. Fl. yellowish, summer.

26.—SANVITALIA.

1. **S. procumbens**, *Lam.*; DC. Prodr. v. 628. A weed in the Botanic Gardens, Hongkong. Fl. yellow and purple, January.

27.—SIEGESBECKIA.

1. **S. orientalis**, *Linn.*; Benth. Fl. Hongk. 182. Common in waste places, Hongkong; on the river bank near Swatow; Canton. Fl. yellow, April onwards.

28.—ECLIPTA.

1. **E. alba**, *Hassk.*; Benth. Fl. Hongk. 182. A common weed in Hongkong; Swatow; Canton; West River. Fl. white, June.

29.—WEDELIA.

Key to species.

1.	Leaves sessile	1. *calendulacea.*
	Leaves stalked	2.
2.	Leaves small, crowded...	2. *prostrata.*
	Leaves large, on long stalks	3.
3.	Climber with elongate achenes ...	3. *urticaefolia.*
	Erect plant with short achenes ...	4. *biflora.*

1. **W. calendulacea**, *Less.*; Benth. Fl. Hongk. 182. At the racecourse and elsewhere, Hongkong; at Castle Peak, Hongkong New Territory; Swatow; abundant weed on muddy banks, Canton; Macao; Lofoushan. Fl. yellow, May.
2. **W. prostrata**, *Hemsl.*; *Wollastonia prostrata*, Hook. et Arn. Bot. Beech. Voy. 265. Macao; Pakhoi. Fl. yellow, early Summer.
3. **W. urticaefolia**, *DC.*; Hook. f. Fl. Brit. Ind. iii. 306. Lienchow River. Fl. yellow, August.
4. **W. biflora**, *DC.*; *Wollastonia biflora*, Benth. Fl. Hongk. 183. At Repulse Bay, Shaukiwan and Mt. Davis near the sea, Hongkong; Centre Island, Mirs Bay, Hongkong New Territory; Macao. Fl. yellow, July.

30.—SYNEDRELLA.

1. **S. nodiflora**, *Gaertn.*; DC. Prodr. v. 629. On Bowen Road above Wongneichong and common in waste places, Hongkong. Fl. yellow, December.

31.—BIDENS.

Key to species.

Ray white	1. *pilosa.*
Ray yellow	2. *bipinnata.*

1. **B. pilosa,** *Linn.*; Benth. Fl. Hongk. 183. A common weed in Hongkong; river banks near Swatow. Fl. white and yellow, April.
2. **B. bipinnata,** *Linn.*; Benth. l. c. 183. Mt. Kellet, Plantation Road and waste places, Hongkong; Taipo, Hongkong New Territory. Fl. yellow, July.

32.—GLOSSOGYNE.

1. **G tennifolia,** *Cass.*; Benth. l. c. 184. Deepwater Bay and Stonecutters' Island, Hongkong; Ngauchiwan and Tailungchun, Hongkong New Territory; Pakhoi. Fl. yellow, June.

33.—CHRYSANTHEMUM.

Key to species.

1.	Leaves bipinnatipartite	...	...	1. *coronarium.*
	Leaves entire or pinnatifid	...	...	2.
2.	Leaves sessile	...	...	2. *segetum.*
	Leaves stalked, stipulate	...	...	3.
3.	Leaves thin, green ...	...	...	3. *indicum.*
	Leaves thicker, glaucous	...	...	4. *sinense.*

1. **C. coronarium,** *Linn.*; DC. Prodr. vi. 64. Cultivated. Fl. yellow, March.
2. **C. segetum,** *Linn.*; DC. l. c. 64. Cultivated. Fl. yellow, March.
3. **C. indicum,** *Linn.*; *Pyrethrum indicum*, Cass.; DC. l. c. 62. Common on hills, Hongkong; Lantao Island, Hongkong New Territory; Swatow; Lienchow River, Fl. yellow, November.
4. **C. sinense,** *Sabine*; *Pyrethrum sinense*, DC. l. c. 62. Hongkong without locality. Fl. white or pink, October.

34.—COTULA.

1. **C. anthemoides,** *Linn.*; Benth. Fl. Hongk. 185. At Chaiwan, Hongkong; at Sandal-wood mills in paddy fields, Hongkong New Territory; on the river bank near Swatow. Fl. yellow, March.

35.—MYRIOGYNE.

1. **M. minuta,** *Less.*; Benth. l. c. 186. In paddy fields, Hongkong; Swatow; a common weed, Canton. Fl. yellow, June.

36.—SOLIVA.

1. **S. anthemifolia,** *R. Br.*; DC. Prodr. vi. 142. In damp, cultivated ground at East Point. Fl. yellow, March.

37.—ARTEMISIA.

Key to species.

1. Leaves finely divided or setaceous ...	2.
Leaves broad, entire or with broad segments	5.
2. Leaves white beneath	1. *vestita.*
Leaves green	3.
3. Leaves all tripinnatifid	4.
Upper leaves simple, capillary ...	2. *scoparia.*
4. Heads about $\frac{1}{12}$ inch broad	3. *annua.*
Heads about $\frac{1}{4}$ inch	4. *apiacea.*
5. Leaves ovate, serrate	5. *anomala.*
Leaves pinnatifid	6.
6. Leaves white beneath	6. *vulgaris.*
Leaves green	7.
7. Flowers about $\frac{1}{12}$ inch broad	7. *japonica.*
Flowers about $\frac{1}{4}$ inch broad	8. *lactiflora.*

1. **A. vestita**, *Wall.*; Hook. f. Fl. Brit. Ind. iii. 326. Lienchow River. Fl. white, December.
2. **A. scoparia**, *Waldst. et Kit.*; Hook. f. l. c. 323. Canton; Lienchow River; North River. Fl. white, August–December.
3. **A. annua**, *Linn.*; Benth. Fl. Hongk. 187. Repulse Bay, Hongkong. Fl. white, October.
4. **A. apiacea**, *Hance* in Walp. Ann. ii. 895. In rice fields near Canton. Fl. yellowish, ——.
5. **A. anomala**, *S. Moore* in Journ. Bot. 1875, 227. Grassy hills 100 miles north of Canton; Lienchow River; Lofoushan. Fl. white, August–December.
6. **A. vulgaris**, *Linn.*; Benth. Fl. Hongk. 187. In the Happy Valley, Hongkong; Castle Peak, Hongkong New Territory; Swatow; Lienchow River. Fl. white, August–December.
7. **A. japonica**, *Thunb.*; Benth. l. c. 186. At Chaiwan, Hongkong; Hongkong New Territory without locality; Lienchow River. Fl. white, October–December.
8. **A. lactiflora**, *Wall.*; DC. Prodr. vi. 115. A weed in Botanic Gardens, Hongkong; Canton on brick rubbish; Lienchow River; North River. Fl. white, December.

38.—GYNURA.

Key to species.

1. Veinlets enclosing long linear spaces ...	1. *ovalis.*
Spaces (enclosed by veinlets) short ...	2.
2. Leaves pinnatifid	2. *pinnatifida.*
Leaves entire	3. *divaricata.*

1. **G. ovalis**, *DC.*; *G. Pseudochina*, Benth. Fl. Hongk. 189. In ravines of Mt. Victoria and other places, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; near Chaochaufu; Pakhoi. Fl. orange-coloured, April–December.

2. **G. pinnatifida**, *DC.* Prodr. vi. 301. Swatow; Fatshan; Lienchow River. Fl. yellow, December.
3. **G. divaricata**, *DC.* l. c. 301. Near Canton. Fl. ——.

39.—SENECIO.

Key to species.

1.	Leaves sessile	2.
	Leaves, at least the lower, stalked ...	4.
2.	Flowers rayed	1. *Stauntoni.*
	Flowers discoid...	3.
3.	Leaves pinnatifid	2. *vulgaris.*
	Leaves pinnatipartite	3. *Exul.*
4.	Leaves entire	4. *scandens.*
	Leaves lobed	5.
5.	Leaves orbicular, dentate	6.
	Leaves palmatipartite	5. *japonicus.*
6.	Pappus 0	6. *phalacrocarpus.*
	Pappus setaceous	7. *Kaempferi.*

1. **S. Stauntoni**, *DC.*; Benth. Fl. Hongk. 190 In ravines; Victoria Peak, Mt. Gough and Aberdeen, Hongkong. Fl. yellow, October.
2. **S. vulgaris**, *Linn.*; DC. Prodr. vi. 341. A weed in cultivated ground, Hongkong. Fl. yellow, December.
3. **S. Exul**, *Hance* in Journ. Bot. 1868, 174. East River. Fl. yellow, February.
4. **S. scandens**, *Ham.*; *S. chinensis*, DC.; Benth. Fl. Hongk. 190. Bushy places and wood borders; on Mt. Victoria, Mt. Gough, Mt. Parker and Taitam Tuk, Hongkong; Lantao Island, Mirs Bay and Lamma Island, Hongkong New Territory; river bank near Swatow; North River; Fatshan; Canton; Macao. Fl. yellow, November–December.
5. **S. japonicus**, *Schultz-Bip.*; *S. macranthus*, Clarke; Hook. f. Fl. Brit. Ind. iii. 349. By mountain streams, Fungwongshan, Hongkong New Territory; Lofoushan. Fl. yellow, Feb.
6. **S. phalacrocarpus**, *Hance* in Journ. Bot. 1881, 151. North River; Lienchow River. Fl. yellow, April.
7. **S. Kaempferi**, *DC.*; *Farfugium Kaempferi*, Benth. Fl. Hongk. 191. Along rocky streams, in Pokfulam ravine, on Mt. Victoria and Mt. Kellet, Hongkong; Lantao Island, Hongkong New Territory. Fl. yellow, September–December.

40.—EMILIA.

1. **E. sonchifolia**, *DC.*; *Senecio sonchifolius*, Moench; Benth. Fl. Hongk. 189. At Taitam Tuk in a swamp, Hongkong; Kanghau, Maönshan and various places in swampy ground, Hongkong New Territory; Swatow; Sanning; Pakhoi. Fl. light purple, July–October.

41.—CNICUS.

Key to species.

Leaves mostly linear, white beneath ...	1. *chinensis.*
Leaves mostly pinnatfid, usually green	2. *japonicus.*

1. **C. chinensis**, *Maxim.*; *Cirsium chinense*, Gard. et Champ.; Benth. Fl. Hongk. 168. Mt. Gough and Mt. Victoria, Hongkong; Lienchow River. Fl. purple, November.
2. **C. japonicus**, *Maxim.*; *Cirsium japonicum*, DC. Prodr. vi. 640. Mt. Victoria and Cape d'Aguilar, Hongkong; Lantao Island, Hongkong New Territory; river banks near Swatow; Canton; Lofoushan. Fl. purple, April–December.

42.—SAUSSUREA.

Key to species.

1. Leaves white beneath	1. *affinis.*
Leaves green	2.
2. Leaves triangular-cordate	2. *triangulata.*
Leaves linear-lanceolate	3. *japonica.*

1. **S. affinis**, *Spreng.*; *S. carthamoides*, Benth. Fl. Hongk. 168. At Chaiwan and Mt. Parker south, Hongkong. Fl. purple, November–April.
2. **S. triangulata**, *Trautv. et Meyer* in Middendorff's Reise, Fl. Ochot. 58. Lofoushan at 3300 ft. Fl. purple, September.
3. **S. japonica**, *DC.*; Benth. Fl. Hongk. 167. Mt. Kellet, Long Wave Bay and Repulse Bay, Hongkong; Centre Isle, Hongkong New Territory; Canton; Macao. Fl. purple, November.

43.—AINSLIAEA.

Key to species.

Leaves linear	1. *Walkeri.*
Leaves ovate, cordate	2. *fragrans.*

1. **A. Walkeri**, *Hook. f.* in Bot. Mag. t. 6225. Hongkong without locality; hills near Chaochaufu? Fl. white, April.
2. **A. fragrans**, *Champ.*; Benth. Fl. Hongk. 192. Victoria Peak and Little Hongkong, Hongkong; Maönshan, Hongkong New Territory; Swatow. Fl. white, November.

44.—GERBERA.

1. **G. piloselloides**, *Cass.*; Benth. l. c. 191. Mt. Victoria, Mt. Gough, Mt. Kellet and Stanley, Hongkong; hill near Chaochaufu. Fl. white, March.

45.—LAPSANA.

1. **L. apogonoides**, *Maxim.* in Mél. Biol. ix. 20. Fields near Chaochaufu. Fl. yellow, April.

46.—CREPIS.

1. **C. japonica,** *Benth.* Fl. Hongk. 194. Roadsides and waste places, Hongkong; common weed, Canton. Fl. yellow, Mar.

47.—TARAXACUM.

1. **T. officinale,** *Web.*; *T. Dens-leonis,* Desf.; Benth. l. c. 192. In cultivated ground, Hongkong. Fl. yellow, April.

48.—LACTUCA.

Key to species.

1.	Achenes compressed	6.
	Achenes cylindric	2.
2.	Stems creeping	4.
	Stems not creeping	3.
3.	Beak fine, half the length of achene ...	1. *versicolor.*
	Beak short, thick	2. *denticulata.*
4.	Leaves pedatisect	3. *repens.*
	Leaves usually undivided	5.
5.	Leaves abruptly or hastately ovate ...	4. *stolonifera.*
	Leaves obovate, entire or lyrate ...	5. *debilis.*
6.	Upper and lower leaves ovate... ...	6. *elata.*
	Upper leaves linear, lower pinnatifid	7. *brevirostris.*

1. **L. versicolor,** *Schultz-Bip.*; *Ixeris versicolor,* DC.; Benth. Fl. Hongk. 193. Pokfulam conduit, Hongkong; hill near Chaochaufu. Fl. yellow, March–October.
2. **L. denticulata,** *Maxim.*; *Ixeris ramosissima,* A. Gray; Benth. l. c. 193. Victoria Peak, Hongkong; Lantao Island, Hongkong New Territory; Swatow; Kwaisin, Hoifung. Fl. yellow, March–November.
3. **L. repens,** *Maxim.*; *Ixeris repens,* A. Gray; Benth. l. c. 194. At Sheko, Hongkong; Lamma Island, Hongkong New Territory; Pakhoi. Fl. yellow, January, August.
4. **L. stolonifera,** *Maxim.* in Mél. Biol. ix. 364. At East Point and Sheko, Hongkong. Fl. yellow, April.
5. **L. debilis,** *Maxim.*; *Ixeris debilis,* A. Gray; Benth. Fl. Hongk. 193. On the seacoast without locality, Hongkong; Lantao Island, Hongkong New Territory; fields near Swatow. Fl. yellow, April.
6. **L. elata,** *Hemsl.* Enum. Pl. China. i. 481. Swatow; Sanning. Fl. yellow, July.
7. **L. brevirostris,** *Champ.*; Benth. Fl. Hongk. 192. Hongkong without locality, Shameen, Canton; Sanning; Lienchow River; Pakhoi. Fl. yellow, August–December.

49.—SONCHUS.

Key to species.

Auricles of leaves acute	1. *oleraceus.*
Auricles rounded	2. *arvensis.*

1. **S. oleraceus**, *Linn.*; Benth. Fl. Hongk. 194. In waste and cultivated places, Hongkong; abundant weed in waste places, Canton. Fl. yellow, March.
2. **S. arvensis**, *Linn.*; DC. Prodr. vii. 187. Hongkong without locality. Fl. yellow, ——.

50.—LAUNAEA

1. **L. pinnatifida**, *Cass.*; Hook. f. Fl. Brit. Ind. iii. 416. Sheko, Hongkong; sandy seashore at Paksha in the extreme south of Kwangtung. Fl. yellow, February, August.

STYLIDIACEAE.

1.—STYLIDIUM.

Key to species.

Leaves rosulate, orbicular	... ...	1. *uliginosum*.
Leaves scattered, oblong	... ...	2. *tenellum*.

1. **S. uliginosum**, *Swartz*; Benth. Fl. Hongk. 195. In swampy ground on the hills above Chaiwan, Hongkong; Lantao, Hongkong New Territory; Swatow; Pakhoi. Fl. white, November.
2. **S. tenellum**, *Swartz*; C. B. Clarke in Hook. f. Fl. Brit. Ind. iii. 420. Hongkong without locality; swamps near Hoifung. Fl. pink, October.

GOODENIACEAE.

1.—SCAEVOLA.

Key to species.

Leaves ligulate; small under-shrub	...	1. *hainanensis*.
Leaves obovate; large shrub ...	...	2. *Koenigii*.

1. **S. hainanensis**, *Hance* in Journ. Bot. 1873, 229. At Stanley, and Hoktsui, Hongkong; Ngautaukok, Plovers' Cove and Castle Peak, Hongkong New Territory. Fl. white, January.
2. **S. Koenigii**, *Vahl*; *S. Lobelia*, Benth. Fl. Hongk. 198. Common on the south shores of the island, Hongkong; Kuntong, Hongkong New Territory. Fl. white, July.

CAMPANULACEAE.

Key to genera.

1.	Corolla irregular	... ...	2.
	Corolla regular ...	... ...	3.
2.	Fruit a berry ...	... ...	2. *Pratia*.
	Fruit a capsule ...	... ...	3. *Lobelia*.

3.	Flowers distinct	4.
	Flowers in compact spikes	8. *Sphenoclea.*
4.	Corolla tube 2-4 inches long, slender...	1. *Isotoma.*
	Corolla campanulate	5.
5.	Stem twining	6.
	Stem erect or decumbent	7.
6.	Leaves lanceolate	6. *Codonopsis.*
	Leaves cordate	7. *Campanumaea.*
7.	Flowers terminal, 2 inches diameter ...	5. *Platycodon.*
	Flowers under 1 inch diameter ...	8.
8.	Flowers subsessile	9. *Campanula.*
	Flowers on slender pedicels	9.
9.	Flowers mostly solitary terminal ...	4. *Wahlenbergia.*
	Flowers racemose or paniculate ...	10. *Adenophora.*

1.—ISOTOMA.

1. **I. longiflora**, *Presl*; DC. Prodr. vii. 413. On walls and roadsides, Hongkong. Fl. white, September.

2.—PRATIA.

1. **P. begonifolia**, *Lindl.*; *Piddingtonia Nummularia*, DC.; Benth. Fl. Hongk. 196. Hongkong without locality; Taimoshan, Hongkong New Territory; Lofoushan. Fl. purplish blue, February.

3.—LOBELIA.

Key to species.

1.	Corolla lobes about equal in length, anthers all bearded at apex ...	2.
	Corolla lobes unequal, 2 anthers only bearded	1. *radicans.*
2.	Leaves ovate or orbicular	2. *affinis.*
	Leaves narrow-lanceolate or linear ...	3. *chinensis.*

1. **L. radicans**, *Thunb.*; Clarke in Hook. f. Fl. Brit. Ind. iii. 425. On Victoria Peak and at Taitam Tuk, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; Hoifung; Lienchow River. Fl. pinkish, September.

3. **L. affinis**, *Wall.*; Clarke l. c. 424. Hongkong in ricefields and ravines; Phoenix Mt. and near Yit-hai village, Swatow; Dane's Island, Whampoa. Fl. white, April.

3. **L. chinensis**, *Lour.*; DC. Prodr. vii. 360. Wet places; Hongkong without locality; Swatow; near Canton; Pakhoi. Fl. blue, March—April.

4.—WAHLENBERGIA.

1. **W. gracilis**, *A. DC.*; *W. agrestis*, A. DC.; Benth. Fl. Hongk. 197. Hongkong without locality; Lantao Island and Kwaichong, Hongkong New Territory; Pakhoi. Fl. blue, March—August.

5.—PLATYCODON.

1. **P. grandiflorus**, *A. DC.*; *Wahlenbergia grandiflora*, Schrad.; Benth. Fl. Hongk. 197. Common on the south side of the island, Hongkong; Swatow. Fl. deep blue, August—December.

6.—CODONOPSIS.

1. **C. lanceolata**, *Benth. et Hook. f.*; *Campanumaea lanceolata*, Sieb. et Zucc. Fl. Jap. i. 174. Lofoushan. Fl. violet-coloured, July—September.

7.—CAMPANUMAEA.

1. **C. pilosula**, *Franch.* Pl. David, i. 192. Taimoshan, Hongkong New Territory; North River. Fl. yellowish-white, October.

8.—SPHENOCLEA.

1. **S. zeylanica**, *Gaertn.*; Clarke in Hook. f. Fl. Brit. Ind. iii. 438. In damp cultivated ground at East Point and Little Hongkong, Hongkong; Lantao Island, Hongkong New Territory; Hoifung. Fl. white, July.

9.—CAMPANULA.

Key to species.

1. Flowers subsessile ... ... 1. *fulgens.*
Flowers on slender pedicels ... ... 2. *veronicifolia.*

1. **C. fulgens**, *Wall.*; Clarke in Hook. f. Fl. Brit. Ind. iii. 442. Lienchow River; North River. Fl. blue, November.
2. **C. veronicifolia**, *Hance* in Journ. Bot. 1871, 133. North River. Fl. pale blue, February.

10.—ADENOPHORA.

1. **A. verticillata**, *Fisch.*; DC. Prodr. vii. 492. North River. Fl. blue, November.

VACCINIACEAE.

Key to species.

Racemes bracteate ... ... 1. *bracteatum.*
Racemes destitute of bracts ... ... 2. *iteophyllum.*

1.—VACCINIUM.

1. **V. bracteatum**, *Thunb.*; *V. chinense*, Champ.; Benth. Fl. Hongk. 199. In the Happy Valley woods, Causeway Bay and Little Hongkong, Hongkong; Plovers' Cove, Hongkong New Territory; Lienchow River; Lofoushan. Fl. white, July.
2. **V. iteophyllum**, *Hance* in Ann. Sci. Nat. sér. 4, xviii, 223. Slopes of Phoenix Mt., Swatow. Fl. white, May.

ERICACEAE.

Key to genera.

1	Shrub	2.
	Herb	5. *Pyrola.*
2.	Petals distinct	4. *Clethra.*
	Corolla gamopetalous	3.
3.	Anthers spurred	4.
	Anthers without basal spurs	3. *Rhododendron.*
4.	Flowers racemose	1. *Pieris.*
	Flowers umbellate	2. *Enkianthus.*

1.—PIERIS.

Key to species.

Leaves oval, entire	1. *ovalifolia.*
Leaves linear lanceolate, serrate ...	2. *Swinhoei.*

1. **P. ovalifolia,** *D. Don*; Clarke in Hook. f. Fl. Brit. Ind. iii. 460. On top of the White Cloud hills, Canton; North River. Fl. white, April.
2. **P. Swinhoei,** *Hemsl.* Enum. Pl. China, ii. 17. Swatow Distr. Fl. cream-coloured, April.

2.—ENKIANTHUS.

1. **E. quinqueflorus,** *Lour.*; Benth. Fl. Hongk. 200. Abundant on the hills, Hongkong; top of the Phoenix Mt. and near Chaochaufu. Fl. pink, February.

3.—RHODODENDRON.

Key to species.

1.	Leaves glabrous	2.
	Leaves hirsute or scaly	7.
2.	Leaves white beneath with reticulate markings	3.
	Leaves green on both sides	4.
3.	Leaves acute	1. *Farrerae.*
	Leaves very obtuse	2. *Fordii.*
4.	Leaves acute at base	5.
	Leaves obtuse at base	3. *ovatum.*
5.	Pedicels hairy	4. *Westlandii.*
	Pedicels glabrous	6.
6.	Leaves obtuse at apex	5. *Simiarum.*
	Leaves acute	6. *Henryi.*
7.	Leaves more than 4 inches long ...	7. *Championae.*
	Leaves less than 2 inches long ...	8.
8.	Corolla tube cylindric, narrow ...	8. *Mariae.*
	Corolla funnel-shaped	9.
9.	Adult leaves glabrous beneath ...	1. *Farrerae.*
	Adult leaves hairy beneath	9. *indicum.*

1. **R. Farrerae,** *Tate* ; *Azalea squamata*, Lindl. ; Benth. Fl. Hongk. 201. Common on the hill tops, Hongkong ; Lantao Island, Hongkong New Territory ; on the lower slopes of the Phoenix Mt., Swatow. Fl. pink, March.
2. **R. Fordii,** *Hemsl.* in Kew Bull. 1894, 5. Lantao Island at 1600 ft. and Maönshan, Hongkong New Territory ; on the top of the Phoenix Mt., Swatow. Fl. pale rose, April.
3. **R. ovatum,** *Planch.* ; *Azalea ovata*, Lindl. ; Benth. Fl. Hongk. 201. Rare on Mt. Nicholson, Hongkong ; Mountain above Ookaisa at 2400 ft. Fl. white with purple specks, April.
4. **R. Westlandii,** *Hemsl.* Enum. Pl. China ii. 31. Lantao at 2500 ft., Hongkong New Territory ; on the summit of the Phoenix Mt., Swatow. Fl. white or lilac-coloured, April.
5. **R. Simiarum,** *Hance* in Journ. Bot. 1884, 22. Lofoushan at 3200 ft. Fl. rosy white, May.
6. **R. Henryi,** *Hance* in Journ. Bot. 1881, 243. At the bottom and top of the Phoenix Mt., Swatow ; North River. Fl. pink, March.
7. **R. Championae,** *Hook.* ; Benth. Fl. Hongk. 200. Rare on Mt. Victoria and Mt. Gough, Hongkong ; Maönshan, Hongkong New Territory. Fl. white or pink tinged with yellow, April.
8. **R. Mariae,** *Hance* in Journ. Bot. 1882, 230. Lienchow River ; Filoitze, near Tsingyune, North River. Fl. lilac-coloured, December–April.
9. **R. indicum,** *Sweet* ; *Azalea indica*, Linn. ; Benth. Fl. Hongk. 201. Common on the banks of streams and tops of hills, Hongkong ; on the hills to the north of Kowloon City and on Lantao island, Hongkong New Territory ; hill near Chaochaufu and Phoenix Mt., Swatow. Fl. deep pink or red, March.

4.—CLETHRA.

1. **C. canescens,** *Reinw.* ; *C. Fabri*, Hance in Journ. Bot. 1883, 130. On the Lanfa Mt., Hoifung ; Lofoushan. Fl. white ?, September.

5.—PYROLA.

1. **P. rotundifolia,** *Linn.* ; DC. Prodr. vii. 772. On the Lanfa Mt., Hoifung, at 3000 ft. Fl. reddish, June.

PLUMBAGINACEAE.

Key to genera.

Scapose herb	1. *Statice.*
Stem tall, leafy	2. *Plumbago.*

1.—STATICE.

1. **S. sinensis,** *Girard* ; Benth. Fl. Hongk. 281. At North Point, Hongkong ; Lantao Island and near Kowloon City, Hongkong New Territory ; Pakhoi. Fl. white, March.

2.—PLUMBAGO.

1. **P. zeylanica**, *Linn.*; Clarke in Hook. f. Fl. Brit. Ind. iii. 480. In hedges near Stanley, Hongkong; near Santin and Lamma Island, Hongkong New Territory; Hoifung; Pakhoi; Lienchow River. Fl. white, September.

PRIMULACEAE.

Key to genera.

1. Ovary free	2.
Ovary adnate to the calyx	5. *Samolus.*
2. Corolla lobes imbricated, some to left some to right	4.
Corolla lobes contorted	3.
3. Capsule opening by cap at top ...	4. *Anagallis.*
Capsule opening at sides	3. *Lysimachia.*
4. Flowers racemose	2. *Stimpsonia.*
Flowers umbellate	1. *Androsace.*

1.—ANDROSACE.

1. **A. saxifragaefolia**, *Bunge*; DC. Prodr. viii. 53. Swatow, Lienchow River. Fl. white, March.

2.—STIMPSONIA.

1. **S. chamaedryoides**, *C. Wright* in Mem. Amer. Acad. ser. 2, vi. 401. Swatow. Fl. white, April.

3.—LYSIMACHIA.

Key to species.

1. Flowers solitary, axillary; stem from a basal rosette	1. *alpestris.*
Flowers racemose or umbellate ...	2.
2. Flowers racemose	3.
Flowers in crowded leafy umbel ...	7.
3. Stamens longer than corolla	2. *decurrens.*
Stamens shorter than corolla	4.
4. Leaves auriculate, sessile	3. *paludicola.*
Leaves narrowed at the base	5.
5. Pedicels more than thrice as long as the fruit	4. *candida.*
Pedicels less than twice as long as the fruit	6.
6. Plant glabrous	8.
Plant puberulous	5. *clethroides.*
7. Floral leaves similar to cauline ...	6. *cephalantha.*
Floral leaves bractiform	7. *Fordiana.*
8. Corolla lobes thrice longer than tube	8. *mauritiana.*
Corolla lobes thrice shorter than tube	9. *Fortunei.*

1. **L. alpestris**, *Champ.*; Benth. Fl. Hongk. 202. Damp places in the Happy Valley woods, on Victoria Peak and elsewhere, Hongkong. Fl. yellow, April.
2. **L. decurrens**, *G. Forst.*; *L. javanica*, Blume; Hook. f. Fl. Brit. Ind. iii. 502. Swatow; Sainam on the West River; Fookwing near Hongkong on the Canton River. Fl. white, May.
3. **L. paludicola**, *Hemsl.* Enum. Pl. China, ii. 54. White Cloud hills, Canton; Fookwing on the Canton River near Hongkong. Fl. white, June.
4. **L. candida**, *Lindl.*; *L obovata*, Ham.; Hook. f. Fl. Brit. Ind. iii. 502. In a swamp at East Point, Hongkong; Swatow; in fallow damp or dry rice fields, Canton; Macao. Fl. white, March.
5. **L. clethroides**, *Duby* in DC. Prodr. viii. 61. Canton. Fl. white, June.
6. **L. cephalantha**, *Knuth*; Pax et Knuth in Engl. Pflanzenr. Primul. 284. Macao. Fl. yellow, ——.
7. **L. Fordiana**, *Oliver* in Hook. Ic. Pl. t. 1983. North River; Lienchow River. Fl. yellow, May—June.
8. **L. mauritiana**, *Lam.*; Pax et Knuth in Engl. Pflanzenr. Primul. 273. Swatow. Fl. white or yellowish, July.
9. **L. Fortunei**, *Maxim.* in Mél. Biol. vi. 270. In shady damp situations on the Pokfulam Road, Hongkong; Kwaisin, Hoifung; Lienchow River; Namkong River. Fl. white, May.

4.—ANAGALLIS.

1. **A. arvensis**, *Linn.*; Hook. f. Fl. Brit. Ind. iii. 506. A weed in the Botanic Gardens, Hongkong; Swatow. Fl. blue, February.

5.—SAMOLUS.

1. **S. Valerandi**, *Linn.*; Hook. f. l. c. 506. Lienchow River. Fl. white, August.

MYRSINACEAE.

Key to genera.

1. Ovary half adnate to calyx	1. *Maesa.*
Ovary free	2.
2. Flowers sessile or umbellate at the apex of short scaly branches	2. *Rapanea.*
Flowers umbellate or racemose, not on special shoots	3.
3. Anthers multicellular, flowers large umbellate	5. *Aegiceras.*
Anthers bilocular	4.
4. Corolla large, gamopetalous, contorted	4. *Ardisia.*
Corolla small, polypetalous, imbricate	3. *Embelia*

1.—MAESA.

Key to species.

1.	Flowers $\frac{4}{5}$ths tubular	1. *Doraena.*
	Flowers $\frac{3}{4}$ths or less tubular	2.
2.	Leaves glabrous	2. *tenera.*
	Leaves hairy on nerves below... ...	3. *sinensis.*

1. **M. Doraena,** *Blume* ; *M. coriacea*, Champ. ; Benth. Fl. Hongk. 204. Common in the island, Hongkong ; Lantao Island, Hongkong New Territory. Fl. cream-coloured, January—March.
2. **M. tenera,** *Mez* in Engl. Pflanzenr. Myrsin. 28. Lantao Island, Hongkong New Territory ; Macao. Fl. white, March.
3. **M. sinensis,** *A.DC.* ; Benth. Fl. Hongk. 203. Very common in woods and ravines, Hongkong ; Lantao Island and Taimoshan, Hongkong New Territory ; slopes of the Phoenix Mt. and hill near Chaochaufu, Swatow ; Ookaisa. Fl. white, March.

2.—RAPANEA.

Key to species.

Pedicels 0	1. *capitellata.*
Pedicels 2–3 lines long...	2. *Playfairii.*

1. **R. capitellata,** *Mez* ; *Myrsine capitellata*, Wall. ; Benth. Fl. Hongk. 205. Common on the sides of streams, Hongkong ; Lantao Island, Hongkong New Territory. Fl. white, March.
2. **R. Playfairii,** *Mez* ; *Myrsine Playfairii*, Hemsl. Enum. Pl. China, ii. 61. Hongkong New Territory without locality ; Pakhoi. Fl. ——.

3.—EMBELIA.

Key to species.

1.	Flowers in a terminal panicle	1. *Ribes.*
	Flowers in lateral inflorescences ...	2.
2.	Leaves entire	3.
	Leaves serrate	2. *oblongifolia.*
3.	Leaves orbicular-elliptic, less than 1 inch long	3. *myrtifolia.*
	Leaves over 1 inch long	4.
4.	Leaves reticulate beneath	5.
	Veins of leaves inconspicuous... ...	6.
5.	Branches nearly glabrous	4. *nervosa.*
	Branches densely tomentose at ends ...	5. *Fordii.*
6.	Leaves 1–1½ inches ; sepals papillose on margins	6. *longifolia.*
	Leaves 2–3 inches ; sepal margins naked	7. *obovata.*

1. **E. Ribes,** *Burm.*; Benth. Fl. Hongk. 204. Common in ravines, Hongkong; Lantao Island, Hahang, Hongkong New Territory; hill near Chaochaufu; Lofoushan. Fl. white, January.
2. **E. oblongifolia,** *Hemsl.* Enum. Pl. China, ii. 62. Taimoshan at 1500 ft., Hongkong New Territory; Lienchow River; North River; Lofoushan at 300 ft. Fl. white, November—February.
3. **E. myrtifolia,** *Hemsl. et Mez*; Mez in Engl. Pflanzenr. Myrsin. 323. Taimoshan, Hongkong New Territory; top of the Phoenix Mt., Swatow. Fl. white, December.
4. **E. nervosa,** *A.DC.*; DC. Prodr. viii. 87. Pakhoi. Fl. ——.
5. **E. Fordii,** *Mez* in Engl. Pflanzenr. Myrsin. 326. Lienchow River. Fl. ——, August.
6. **E. longifolia,** *Hemsl.*; *Samara longifolia*, Benth. Fl. Hongk. 205. Little Hongkong and Mt. Nicholson, Hongkong; Lantao Island at 1500 ft., Hongkong New Territory. Fl. green, April.
7. **E. obovata,** *Hemsl.*; *Samara obovata*, Benth. l. c. 205. Common in ravines, Hongkong; Hahang, Hongkong New Territory; hill near Chaochaufu; Canton; Macao; Pakhoi. Fl. yellowish-white, March.

4.—ARDISIA.

Key to species.

1.	Leaves acutely and densely serrate ...	2.
	Leaves crenate or entire	5.
2.	Leaves in a basal rosette	3.
	Stem elongated, leafy	4.
3.	Hairs on leaves not bulbous	1. *primulaefolia.*
	Hairs on leaves bulbous at base ...	2. *mamillata.*
4.	Sepals fringed with long hairs ...	3. *pusilla.*
	Sepals not fringed with hairs	4. *chinensis.*
5.	Leaf margins with regular distant glands	6.
	Leaf margins not so provided... ...	9.
6.	Sepals minutely ciliate throughout ...	7.
	Sepals eciliate or ciliate at tip only ...	8.
7.	Style base and top of ovary minutely hairy	6. *punctata.*
	Ovary and style glabrous	7. *affinis.*
8.	Petals glandular	8. *crispa.*
	Petals egladular	9. *Hanceana.*
9.	Flowers ¼ inch in diam.	10. *quinquegona.*
	Flowers ½ inch in diam.	5. *humilis.*

1. **A. primulaefolia,** *Gardn. et Champ.*; Benth. Fl. Hongk. 207. In grassy places in ravines on Mt. Victoria, Mt. Gough and Mt. Parker, Hongkong; Hahang, Hongkong New Territory; Lanfa Mt., Hoifung; Lofoushan. Fl. pink, June.

2. A. **mamillata**, *Hance* in Journ. Bot. 1884, 290. Kwaisin, Hoifung: Lienchow River; Lofoushan. Fl. pink, April.
3. A. **pusilla**, *A.DC.*; DC. Prodr. viii. 137. In ravines on the south of Mt. Parker, Hongkong; Lantao Island at 2000 ft., Hongkong New Territory; Lienchow River; Lungmun 100 miles N.E. of Canton. Fl. white? June.
4. A. **chinensis**, *Benth.* Fl. Hongk. 207. In a ravine of Mt. Victoria, Hongkong; Lienchow River. Fl. white? June.
5. A. **humilis**, *Vahl*; Clarke in Hook. f. Fl. Brit. Ind. iii. 529. Swatow; Macao. Fl. pink, ——.
6. A. **punctata**, *Lindl.*; Mez in Engl. Pflanzenr. Myrsin. 142. In the Happy Valley woods and on Mt. Victoria, Hongkong; Lantao Island, Ukautin and Maönshan, Hongkong New Territory; Lienchow River. Fl. white speckled with mauve, June—September.
7. A. **affinis**, *Hemsl.* Enum. Pl. China, ii. 63. Kwangtung without locality. Fl.——.
8. A. **crispa**, *A.DC.*; Benth. Fl. Hongk. 206. On Victoria Peak, near the Buddhist Temple, Causeway Bay, and elsewhere, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; Phoenix Mt., Swatow. Fl. white spotted with purple, June.
9. A. **Hanceana**, *Mez* in Engl. Pflanzenr. Myrsin. 149. In the Happy Valley and Little Hongkong woods, in a ravine below Sheko Gap, Hongkong; Lantao Island, Hongkong New Territory; Lofoushan. Fl. white with purple spots, June.
10. A. **quinquegona**, *Blume*; *A. pauciflora*, Benth. Fl. Hongk. 206. Common in woods, Hongkong; Lantao Island, Hongkong New Territory; Swatow; Hoifung; Lofoushan. Fl. white, May.

5.—AEGICERAS.

1. A. **majus**, *Gaertn.*; Benth. Fl. Hongk. 208. Taitam Tuk and Little Hongkong in salt-water marshes, Hongkong; Lamma Island, Taipo and Port Shelter, Hongkong New Territory; hill near Chaochaufu. Fl. white, April.

SAPOTACEAE.

Key to genera.

1.	Leaf veins very close and parallel	1. *Chrysophyllum.*
	Leaf veins distant, reticulate	2.
2.	Flowers racemose	2. *Sarcosperma.*
	Flowers fasciculate	3. *Sideroxylon.*

1.—CHRYSOPHYLLUM.

1. C. **Roxburghii**, *G. Don*; Clarke in Hook. f. Fl. Brit. Ind. iii. 535. In the Happy Valley woods, Hongkong. Fl. ——, August.

2.—SARCOSPERMA.

Key to species.

Leaves ovate, acute at base	1. *pedunculata.*
Leaves linear-lanceolate cuneate ...	2. *laurina.*

1. **S. pedunculata,** *Hemsl.* Enum. Pl. China. ii. 68. Lienchow River. Fl. ——.
2. **S. laurina,** *Hook. f.*; *Reptonia laurina,* Benth. Fl. Hongk. 208. Wongneichong and Aberdeen New Road, Hongkong; Lantao Island, Hongkong New Territory; Tingushan on the West River. Fl. white, October.

3.—SIDEROXYLON.

1. **S. Wightianum,** *Hook. et Arn.*; Benth. Fl. Hongk. 209. On Mt. Victoria and at Taitam Tuk, Hongkong; Lantao Island and Maönshan, Hongkong New Territory; Hoifung; Macao. Fl. white, November.

EBENACEAE.

1.—DIOSPYROS.

Key to species.

1.	Sepals linear; leaves 1–1½ inches long	1. *vaccinioides.*
	Sepals lanceolate or ovate; leaves 2–5 inches long	2.
2.	Corolla glabrous	3.
	Corolla hairy	4.
3.	Male corolla divided halfway	3. *Lotus.*
	Male corolla divided ⅕	5. *Morrisiana.*
4.	Leaves broadly ovate	4. *Kaki.*
	Leaves narrow-lanceolate	2. *eriantha.*

1. **D. vaccinioides,** *Lindl.*: *Rospidios vaccinioides,* A.DC.; Benth. Fl. Hongk. 210. Common on the hills, Hongkong; Tailamchung, Hongkong New Territory. Fl. white, May.
2. **D. eriantha,** *Champ.*: Benth. Fl. Hongk. 210. At Wongneichong Gap, Pokfulam ravine and ravines about Deepwater Bay, Hongkong. Fl. white, July.
3. **D. Lotus,** *Linn.*; Clarke in Hook. f. Fl. Brit. Ind. iii. 555. Paddy fields near Chaochaufu, Swatow. Fl. white, June.
4. **D. Kaki,** *Linn. f.*; Clarke l. c. 555. On Victoria Peak on the Shaukiwan-Taitam Road and elsewhere, naturalised, Hongkong; hillside Kwaisin, Hoifung. Fl. white, April.
5. **D. Morrisiana,** *Hance*: Benth. Fl. Hongk. 210. On Mts. Victoria, Gough and Parker, Hongkong: Lantao Island, Hongkong New Territory. Fl. white, May.

STYRACACEAE.

Key to genera.

1.	Ovary superior	2.
	Ovary inferior	1. *Symplocos.*
2.	Seeds winged	2. *Alniphyllum.*
	Seeds wingless	3. *Styrax.*

1.—SYMPLOCOS.

Key to species.

1.	Stamens connate	1. *confusa.*
	Stamens free	2.
2.	Leaves mostly hairy above; calyx villous	2. *sinica.*
	Leaves all glabrous above	3.
3.	Flowers in sessile or stalked fascicles...	4.
	Flowers in racemes or spikes	8.
4.	Branchlets glabrous	5.
	Branchlets pubescent or ferrugineous...	7.
5.	Calyx lobes twice the length of the tube	3. *congesta.*
	Calyx lobes equal to the tube... ...	6.
6.	Leaves entire	4. *cuspidata.*
	Leaves toothed	5. *adenopus.*
7.	Leaves soon glabrous on both sides ...	6. *glandulifera.*
	Leaves villous beneath	7. *Fordii.*
8.	Lower flowers in raceme sessile or sub-sessile	9.
	Lower flowers distinctly stalked ...	18.
9.	Leaves rounded above	8. *propinqua.*
	Leaves acuminate	10.
10.	Adult leaves glabrous	12.
	Adult leaves hairy beneath	11.
11.	Flowers in terminal and axillary panicles	9. *ferruginea.*
	Flowers in axillary racemes	10. *mollifolia.*
12.	Midrib prominent above	11. *crassifolia.*
	Midrib impressed above	13.
13.	Leaves 4 inches or more long	14.
	Leaves less than 4 inches long ...	16.
14.	Leaves $1\frac{1}{2}$ inches wide or less... ...	12. *neriifolia.*
	Leaves usually more than $1\frac{1}{2}$ inches wide...	17.
15.	Calyx hairy	9. *ferruginea.*
	Calyx glabrous	13. *spicata.*
16.	Adult racemes glabrous	14. *microcarpa.*
	Adult racemes pilose	17.
17.	Twigs hairy	15. *lancifolia.*
	Twigs ferrugineous and hairy... ...	16. *fulvipes.*
18.	Adult leaves chartaceous	19.
	Adult leaves coriaceous	17. *decora.*
19.	Racemes much compound	20.
	Racemes simple or nearly so	18. *urceolaris.*

20. Calyx tube glabrous or subglabrous ... 19. *crataegoides.*
Calyx tube villous ... . 2. *sinica.*

1. S. **confusa**, *Brand* in Engl. Pflanzenr. Symploc. 88. Lantao Island, Hongkong New Territory; Lofoushan. Fl. white, February.
2. S. **sinica**, *Ker*; DC. Prodr. viii. 258. Hongkong New Territory without locality; Lienchow River; West River. Fl. white, May.
3. S. **congesta**, *Benth.* Fl. Hongk. 211. In the Happy Valley woods and near Sheko, Hongkong; Swatow; Sanning. Fl. white, November.
4. S. **cuspidata**, *Brand* in Engl. Pflanzenr. Symploc. 69. Swatow; North River. Fl. white, November.
5. S. **adenopus**, *Hance* in Journ. Bot. 1883, 322. Lofoushan. Fl. white, September.
6. S. **glandulifera**, *Brand* in Engl. Pflanzenr. Symploc. 68. Kwangtung. Fl. ——.
7. S. **Fordii**, *Hance* in Journ. Bot. 1882, 78. Victoria Peak and Happy Valley, Hongkong. Fl. white, November.
8. S. **propinqua**, *Hance* l. c. 1868, 329. Near the monastery north of the town of Shuitung, 25 miles east of Kwangchow Bay. Fl. white?, November.
9. S. **ferruginea**, *Roxb.*; Clarke in Hook. f. Fl. Brit. Ind. iii. 574. Swatow; southern coast region of Kwangtung. Fl. white ?, June.
10. S. **mollifolia**, *Dunn* sp. n., quoad inflorescentia, *S. decoram*, Hance refert sed floribus minoribus foliisque mollibus recedit.

Frutex ramis primo ferrugineo-velutinis diu glabris. *Folia* oblongo-ovata, apice basique acuta, 5·5—6·5 cm. longa, crebre serrata, coriacea, supra glabra, nitentia, subtus molliter hirsuta, nervis utrinque 5—6, irregularibus; petioli 4 mm. longi. *Spicae* axillares, 3—5 cm. longae, rachi dense ferruginea. *Flores* subsessiles, 5 mm. longi, 7 mm. lati; bracteae et bracteolae ovatae, 1·5 mm. longae, tomentosae. *Calyx* fere glaber, 2 mm. longus, lobis tubum aequantibus ovatis obtusis. *Corolla* rotata, alba, glabra, lobis rotundatis basi brevissime connatis et staminibus adnatis. *Stamina* corolla sesquilongiora. *Stylus* lobis corollae fere aequilongus. *Fructus* ignotus.

Shekchiliu near Chaochaufu, 10.4.1909. Dunn's Han Expedition.

11. S. **crassifolia**, *Benth.* Fl. Hongk. 212. On Mts. Victoria and Kellet and in the Happy Valley woods, Hongkong; Lantao Island, Hongkong New Territory. Fl. white, October to December.
12. S. **neriifolia**, *Sieb. et Zucc.* Fl. Jap. Fam. Nat. ii. 10. Lareg tree in woods near Cape d'Aguilar and on Mt. Parker south, Hongkong: close to the village of Paksawan, Hongkong New Territory: Lienchow River. Fl. cream-coloured, June.
13. S. **spicata**, *Roxb.*; Benth. Fl. Hongk. 212. Wongneichong, Hongkong; Kowloon Pass and Taimoshan, Hongkong

New Territory; Kwaisin, Hoifung; near the White Cloud Monastery, Canton; Lofoushan. Fl. white, June to September.

14. **S. microcarpa**, *Champ.*; Benth. l. c. 212. Mt. Nicholson, Hongkong. Fl. white, October.
15. **S. lancifolia**, *Sieb. et Zucc.*; Clarke in Hook. f. Fl. Brit. Ind. iii. 577. Castle Peak, Hongkong New Territory; in a small wood near the White Cloud Monastery, Canton; Lofoushan. Fl. white, October.
16. **S. fulvipes**, *Brand* in Engl. Pflanzenr. Symploc. 41. White Cloud hills, Canton. Fl. white, ——.
17. **S. decora**, *Hance* in Journ. Bot. 1874, 369. On Victoria Peak. Hongkong; Lantao Island, Hongkong New Territory, Fl. white, March.
18. **S. urceolaris**, *Hance* l. c. 1876, 307. Sanning; West River. Fl. ——.
19. **S. crataegoides**, *Ham.*; Clarke in Hook. f. Fl. Brit. Ind. iii. 573. Castle Peak, Hongkong New Territory; Lofoushan. Fl. white, March.

2.—ALNIPHYLLUM.

1. **A. pterospermum**, *Mats.*; Perkins in Engl. Pflanzenr. Styrac. 93. A single tree on Mt. Nicholson, Hongkong; Lantao Island, Hongkong New Territory. Fl. white, March.

3.—STYRAX.

Key to species.

1.	Leaves densely tomentose beneath ...	4.
	Leaves glabrous or thinly hairy beneath	2.
2.	Corolla valvate	3.
	Corolla imbricate	3. *odoratissimum.*
3.	Inflorescence shortly loosely tomentose	2. *serrulatum.*
	Inflorescence very closely tomentose ...	4. *Faberi.*
4.	Petiole ½ inch long, glabrous	1. *suberifolium.*
	Petiole under ¼ inch, tomentose ...	5. *mollis.*

1. **S. suberifolium**, *Hook. et Arn.*; Benth. Fl. Hongk. 213. In the Happy Valley woods, on Mt. Kellet and near Pokfulam, Hongkong. Fl. white, April.
2. **S. serrulatum**, *Roxb.*; Clarke in Hook. f. Fl. Brit. Ind. iii. 588. Kwangtung? Fl. ——.
3. **S. odoratissimum**, *Champ.*; Benth. Fl. Hongk. 213. Mts. Victoria and Gough, Causeway Bay and Pokfulam ravine, Hongkong; Lantao Island, Hongkong New Territory; Kwaisin, Hoifung; Lofoushan. Fl. white, April.
4. **S. Faberi**, *Perkins* in Engl. Pflanzenr. Styrac. 33. Lantao Island, Hongkong New Territory; in dense woods on the N. River; Northwest River; Lienchow River; White Cloud hills near Canton; Macao. Fl. white, April.
5. **S. mollis**, *Dunn* in Kew. Bull. 1911, 273. Lofoushan. Fl. ——.

OLEACEAE.

Key to genera.

1.	Fruit didymous	1. *Jasminum.*
	Fruit terete	2.
2.	Leaves pinnate	2. *Fraxinus.*
	Leaves simple	3.
3.	Corolla tubular	4.
	Corolla polypetalous	4. *Chionanthus.*
4.	Inflorescence terminal	5. *Ligustrum.*
	Inflorescence axillary	3. *Osmanthus.*

1.—JASMINUM.

Key to species.

1.	Leaves simple	2.
	Leaves compound	3.
2.	Leaves 3-nerved	5.
	Leaves penninerved	4.
3.	Leaves glabrous	6.
	Leaves softly pubescent beneath ...	1. *sinense.*
4.	Calyx teeth 4–5 lines long	2. *inornatum.*
	Calyx teeth 2 lines long	3. *undulatum.*
5.	Leaves orbicular-ovate; inflorescence terminal	4. *subtriplinerve.*
	Leaves lanceolate; inflorescence axillary	5. *laurifolium.*
6.	Leaves oval-rotund	6. *pachyphyllum.*
	Leaves lanceolate	7. *paniculatum.*

1. **J. sinense,** *Hemsl.* Enum. Pl. China, ii. 80. Swatow: Lienchow River. Fl. white, August.

2. **J. inornatum,** *Hemsl.* l. c. 78. Kwangtung without locality. Fl. white, August.

3. **J. undulatum,** *Ker*: Clarke in Hook. f. Fl. Brit. Ind. iii. 596. Hongkong without locality; Whampoa; Macao; Pakhoi; Lienchow River; North River. Fl. white, August—December.

4. **J. subtriplinerve,** *Blume*; Clarke l. c. 596. Lienchow River; North River. Fl. white, September—November.

5. **J. laurifolium,** *Roxb.*; Clarke l. c. 597. On northwest of Mt. Victoria. Fl. white, April.

6. **J. pachyphyllum,** *Hemsl.* Enum. Pl. China, ii. 79. Wongneichong, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; North River. Fl. white, May.

7. **J. paniculatum,** *Roxb.*; Benth. Fl. Hongk. 214. Rather common in Hongkong: Lantao Island, Maönshan and Hahang on exposed hills, Hongkong New Territory. Fl. white, July.

2.—FRAXINUS.

Key to species.

Petals 0	1. *chinensis.*
Petals 4	2. *retusa.*

1. **F. chinensis**, *Roxb.*; DC. Prodr. viii. 277. Sinkong River, near Canton; North River. Fl. green, March.
2. **F. retusa**, *Champ.*; Benth. Fl. Hongk. 214. In the Happy Valley and Little Hongkong woods, Hongkong. Fl. white, March.

3.—OSMANTHUS.

Key to species.

1. Corolla 3 lines long	1. *fragrans.*
Corolla under 2 lines long	2.
2. Leaves 3–5 inches long, veins impressed above	2. *marginatus.*
Leaves 1 to 2½ inches long, veins prominent above	3. *Fordii.*

1. **O. fragrans**, *Lour.*; Clarke in Hook. f. Fl. Brit. Ind. iii. 606. Kwaisin, Hoifung. Fl. cream-coloured, September.
2. **O. marginatus**, *Benth. et Hook. f.*; *Olea marginata*, Champ.: Benth. Fl. Hongk. 215. In the Happy Valley woods and on the south side of Mt. Cameron, Hongkong. Fl. cream-coloured, April.
3. **O. Fordii**, *Hemsl.* Enum. Pl. China, ii. 88. Lienchow River. Fl. cream-coloured, August.

4.—CHIONANTHUS.

1. **C. retusus**, *Lindl.*; Maxim. in Mél. Biol. ix. 653. Lantao Island, Hongkong New Territory. Fl. white, April.

5.—LIGUSTRUM.

Key to species.

1. Inflorescence pubescent	3.
Inflorescence glabrous	2.
2. Leaves ovate-oblong, acuminate ...	2. *lucidum.*
Leaves oval or ovate, acuminate ...	3. *japonicum.*
3. Leaves lanceolate; petals velvety ...	1. *sinense.*
Leaves rounded; petals glabrous ...	4. *Calleryanum.*

1. **L. sinense**, *Lour.*; Benth. Fl. Hongk. 215. Common in the island, Hongkong. Fl. white, March.
2. **L. lucidum**, *Ait.*; DC. Prodr. viii. 293. Kwaisin, Hoifung: Lienchow River. Fl. white, May.
3. **L. japonicum**, *Thunb.*: DC. l. c. 293. On Victoria Peak, Hongkong: Lantao Island, Hongkong New Territory: Kwaisin, Hoifung; Lofoushan, 3100 ft. Fl. white, June.
4. **L. Calleryanum**, *Decne.* in Nouv. Arch. Mus. Par. sér. 2, ii. 35. Macao. Fl.——.

APOCYNACEAE.

Key to genera.

1.	Anthers free from stigma	2.
	Anthers connate in cone round stigma	6.
2.	Ovary entire	1. *Melodinus.*
	Ovary bipartite	3.
3.	Leaves alternate, crowded	4. *Cerbera.*
	Leaves opposite	4.
4.	Leaves mostly in verticels of 3–4 ...	5.
	Leaves opposite, obtuse	5. *Vinca.*
5.	Leaves acuminate	2. *Rauwolfia.*
	Leaves obtuse	3. *Alyxia.*
6.	Throat of corolla with scales	10.
	Corolla throat without distinct scales	7.
7.	Anthers more or less exserted ...	6. *Pottsia.*
	Anthers included	8.
8.	Ovary hidden in the disk	12.
	Ovary exserted...	9.
9.	Corolla lobes linear	13. *Trachelospermum.*
	Corolla lobes short, ovate	10. *Ecdysanthera.*
10.	Anthers exserted ; leaves pubescent ...	7. *Wrightia.*
	Anthers included	11.
11.	Corolla lobes long-tailed	9. *Strophanthus.*
	Corolla lobes not tailed	8. *Nerium.*
12.	Corolla lobes straight-tipped	12. *Anodendron.*
	Corolla lobes with tip deflected ...	11. *Ichnocarpus.*

1.—MELODINUS.

Key to species.

1.	Scales of corolla exceedingly short, sepals, at least outer ones, acute ...	1. *fusiformis.*
	Scales of corolla 1–1½ lines long, sepals very obtuse...	2.
2.	Scales of corolla free, lobes longer than broad	2. *monogynus.*
	Scales of corolla united to middle, lobes broader than long	3. *suaveolens.*

1. **M. fusiformis,** *Champ.*; Benth. Fl. Hongk. 218. Victoria Peak and Mt. Parker north, Hongkong; islet in Wongnaichau Bay, Hongkong New Territory; hill near Chaochaufu. Fl. white, May.
2. **M. monogynus,** *Roxb.*: Benth. l. c. 218. Happy Valley and Mt. Parker north, Hongkong. Fl. white, May.
3. **M. suaveolens,** *Champ.*: Benth. l. c. 218. Mt. Victoria, Mt. Parker north, Happy Valley woods and Mt. Cameron, Hongkong; Lantao Island, Kowloon City Gap and near Shatin, Hongkong New Territory. Fl. white, May.

2.—RAUWOLFIA.

1. **R. chinensis,** *Hemsl.*; *Ophioxylon chinensis*, Hance in Journ. Bot. 1865, 380. Robinson Road, Peak Road and near Aberdeen New Road, Hongkong; along the West River, up to the frontier of Kwangsi. Fl. white, April to July.

3.—ALYXIA.

1. **A. sinensis,** *Champ.*; Benth. Fl. Hongk. 219. On rocky hills, in ravines and woods, common in the island, Hongkong: Hahang and Tin-tso-ngam, Hongkong New Territory: Swatow; Kwaisin, Hoifung. Fl. white, July.

4.—CERBERA.

1. **C. Odollam,** *Gaertn.*; Benth. Fl. Hongk. 219. At Aberdeen. Shaukiwan and elsewhere near the sea, Hongkong; Hongkong New Territory without locality. Fl. white, May.

5.—VINCA.

1. **V. rosea,** *Linn.*; Benth. Fl. Hongk. 220. In waste places, Hongkong; Macao. Fl. pink or white, Summer.

6.—POTTSIA.

1. **P. cantonensis,** *Hook. et Arn.*; Benth. Fl. Hongk. 222. Taitam Tuk and in the Glenealy ravine, Hongkong; Lanfa Mt., Hoifung; Lofoushan at 3000 ft. Fl. pink, June.

7.—WRIGHTIA.

1. **W. pubescens,** *R. Br.*; DC. Prodr. viii. 405. Sanning; North River; Northwest River. Fl. white, July.

8.—NERIUM.

1. **N. odorum,** *Soland.*; Hook. f. Fl. Brit. Ind. iii. 655. Kwangtung without locality. Fl. rose-white or yellow, ——.

9.—STROPHANTHUS.

1. **S. divergens,** *Grah.*; Benth. Fl. Hongk. 220. Common at low levels, but less so higher up the hills. Hongkong; Taimoshan, Hongkong New Territory; hill near Chaochaufu; Macao; Pakhoi. Fl. yellow, April.

10.—ECDYSANTHERA.

Key to species.

Leaves green underneath; corolla scarcely above 1 line long... ...	1. *micrantha.*
Leaves glaucous underneath; corolla 2 lines long...	2. *rosea.*

1. **E. micrantha**, *A.DC*; Benth. Fl. Hongk. 222. Happy Valley woods, Hongkong. Fl. pink, April.
2. **E. rosea**, *Hook. et Arn.*; Benth. l. c. 222. In ravines of Mt. Victoria and Little Hongkong, Hongkong: Lantao Island, Hongkong New Territory; Macao and neighbourhood. Fl. pink, May.

11.—ICHNOCARPUS.

1. **I. ovatifolius**, *A.DC.*: Hook. f. Fl. Brit. Ind. iii. 670. At Little Hongkong, Hongkong. Fl. purplish, June.

12.—ANODENDRON.

1. **A. laeve**, *Maxim.*: *Aganosma laevis*, Champ; Benth. Fl. Hongk. 221. At West Point, Pokfulam, Little Hongkong, and Shaukiwan, Hongkong; on a hill east of Kowloon City, Hongkong New Territory; Macao. Fl. yellowish white, March.

13.—TRACHELOSPERMUM.

Key to species.

Leaves oblong, obtuse at both ends ...	1. *Bowringii.*
Leaves acute at both ends	2. *jasminoides.*

1. **T. Bowringii**, *Hemsl.*; *Parechites Bowringii*, Hance in Journ. Bot. 1868, 299. Taitam Tuk, Hongkong. Fl. white? September and earlier.
2. **T. jasminoides**, *Lemaire*; *Rhynchospermum jasminoides*, Lindl.; Benth. Fl. Hongk. 221. Mt. Gough, Mt. Parker and the Happy Valley, Hongkong: Taimoshan at 1500 ft., Hongkong New Territory; Swatow; Lienchow River; Lofoushan. Fl. white, April.

ASCLEPIADACEAE.

Key to genera.

1. Filaments free	1. *Cryptolepis.*
Filaments connate	2.
2. Corolla tube cylindric, over ½ inch long	3.
Corolla rotate, campanulate or urceolate	4.
3. Corolla lobes filiform	14. *Ceropegia.*
Corolla lobes lanceolate	10. *Stephanotis.*
4. Corolla lobes narrow, linear	5.
Corolla lobes ovate	6.
5. Stem twining	2. *Toxocarpus.*
Stem erect	7. *Pentasacme.*
6. Leaves thick, fleshy	7.
Leaves coriaceous or membranous ...	8.
7. Corolla small, globular, 1 line diameter	13. *Dischidia.*
Corolla rotate, 7–8 lines diameter ...	12. *Hoya.*

8. Stem erect ... ... 9.
Stem twining ... ... 10.
9. Petals reflexed, stamens raised on a short tube ... ... 3. *Asclepias.*
Petals spreading, stamens sessile ... 6. *Cynanchum.*
10. Corona 0 ... ... 4. *Gymnema.*
Corona of 5 scales ... ... 11.
11. Corolla narrow-campanulate ... ... 9. *Marsdenia.*
Corolla rotate ... ... 6. *Cynanchum, etc.*

1.—CRYPTOLEPIS.

1. **C. elegans**, *Wall.*; Hook. f. Fl. Brit. Ind. iv. 6. Lantao Island and Shatin Road, Hongkong New Territory; French Island, Whampoa; along the Canton River; White Cloud hills, near Canton: West River. Fl. yellow, June.

2.—TOXOCARPUS.

1. **T. Wightianus**, *Hook. et Arn.*: Benth. Fl. Hongk. 224. Happy Valley and West Point, Hongkong; Lantao Island, Maönshan and Hahang, Hongkong New Territory; Macao; Pakhoi. Fl. yellow, June.

3.—ASCLEPIAS.

1. **A curassavica**, *Linn.*; Benth. Fl. Hongk. 225. At Aberdeen, Taitam Tuk and other villages, Hongkong; hills near Chaochaufu. Fl. orange-red, May to December.

4.—GYMNEMA.

1. **G. affine**, *Decne.*; Benth. Fl. Hongk. 227. At Little Hongkong, Hongkong; Macao; Sanning; Pakhoi. Fl. white, July.

5.—GRAPHISTEMMA.

1. **G. pictum**, *Benth. et Hook. f.*; *Holostemma pictum*, Champ.: Benth. Fl. Hongk. 224. In ravines of Mt. Victoria, in the Happy Valley and in the Pokfulam ravine, Hongkong. Fl. purple and yellow, June.

6.—CYNANCHUM.

Key to species of *Graphistemma* (No. 5), *Cynanchum* (No. 6), *Tylophora* (No. 8), *Dregea* (No. 11).

1. Inflorescence pedunculate ... ... 2.
Inflorescence sessile ... ... 1. *Cynanchum atratum.*
2. Leaves deeply cordate, ovate, acuminate 3.
Leaves narrowed, rounded or subcordate below ... ... 5.

3.	Leaf less than twice as long as glabrous petiole	4.
	Leaf four times as long as downy petiole	3. *Cynanchum affine.*
4.	Corona tubular, toothed at mouth ...	5. *Cynanchum corymbosum.*
	Corona deeply 5-lobed	2. *Cynanchum auriculatum.*
5.	Leaves more than half as broad as long	6.
	Leaves less than half as broad as long	7.
6.	Leaves glabrous	*Dregea volubilis.*
	Leaves pubescent	*Tylophora hispida.*
7.	Stem erect	6. *Cynanchum Lightii.*
	Stem twining	8.
8.	Flowers racemose	*Graphistemma pictum.*
	Flowers umbellate	9.
9.	Leaves membranous	7. *Cynanchum sublanceolatum.*
	Leaves somewhat leathery	4. *Cynanchum Fordii.*

1. **C. atratum,** *Bunge* ; DC. Prodr. viii. 523. Kwangtung without locality. Fl. dark purple, April.
2. **C. auriculatum,** *Royle* ; Hook. f. Fl. Brit. Ind. iv. 25. Lienchow River ; Northwest River. Fl. yellowish white, August.
3. **C. affine,** *Hemsl.* Enum. Pl. China ii. 104. Kwangtung without locality. Fl. yellow, August.
4. **C. Fordii,** *Hemsl.* l. c. 106. Lofoushan at 800 ft. Fl. white or reddish, August.
5. **C. corymbosum,** *Wight* ; Hook. f. Fl. Brit. Ind. iv. 24. N.W. River. Fl. ——, August.
6. **C. Lightii,** *Dunn* sp. n., *C. sibirico,* R. Br. affinis sed foliis brevioribus et latioribus distincta.

Herba perennis, erecta, 30–40 cm. alta, praeter lineam pubescentem secus internodia superiora pedunculosque glabra, caulibus foliosis ex radice crassa fibrosa pluribus, basi nonnunquam paullo ramosis. *Folia* opposita, oblongo-lanceolata, apice rotundata, basi cuneata vel breviter rotundata, subsessilia, 3–4 cm. longa, circiter 1 cm. lata, integra, papyracea, obscure penninervia. *Flores* umbellati vel breviter racemosi ; pedunculi axillares, 1–1·5 cm. longi, basi bracteis brevibus linearibus suffulti. *Calyx* fere ad basin divisus, lobis 5 lanceolatis 1·5 mm. longis. *Corolla* luteola?, rotata, 8 mm. diam., lobis ovatis obtusis. *Androecium* 3 mm. diam., 2 mm. altum ; coronae lobi rotundati, antheris aequales. *Capsula* 5 cm. longa, 6 mm. lata, fusiformis.

Shuikwan River, Shaochaufu 14.11.88 and North River, 6.8.89 *Loquai.* Also Hunan Province, Hêngshan, *Light,* Sept. 1904. Flowers in August and September, fruits in November.

One of the specimens on which this species is founded formed part of a remarkable collection hastily gathered by Capt. Light of the 114th Mahratta Light Infantry during a trip

in the Province of Hunan in 1904 and pressed in a book measuring only 6 inches by 4, but which nevertheless contained three species new to China and 24 new to the province.

7. **C. sublanceolatum**, *Maxim.* : *Vincetoxicum sublanceolatum*, Maxim. in Bull. Acad. Petersb. xxiii. 367. Lanfa Mt., Hoifung. Fl. yellow, September.

7.—PENTASACME.

1. **P. Championi**, *Benth.* Fl. Hongk. 228. On rocks in water-courses, Hongkong; Lantao Island, Hongkong New Territory. Fl. white, May.

8.—TYLOPHORA.

1. **T. hispida**, *Decne.*; Benth. l. c. 225. Common in Hongkong; Hahang, Hongkong New Territory. Fl. yellowish, May.

9.—MARSDENIA.

Key to species.

Flowers in oblong bunches ... ... 1. *tinctoria.*
Flowers in broad cymes ... ... 2. *lachnostoma.*

1. **M. tinctoria**, *R. Br.*; Benth. Fl. Hongk. 226. At Little Hongkong, Hongkong. Fl. yellowish, May.
2. **M. lachnostoma**, *Benth.* Fl. Hongk. 226. North Point, and Mt. Parker west, Hongkong. Fl. yellowish, July.

10.—STEPHANOTIS.

1. **S. chinensis**, *Champ.*; Benth. Fl. Hongk. 227. In the Happy Valley woods, Hongkong; Lantao Island, Hongkong New Territory. Fl. white, March—May.

11.—DREGEA.

1. **D. volubilis**, *Benth.*; Hook. f. Fl. Brit. Ind. iv. 46. Little Hongkong, Hongkong. Fl. green, June.

12.—HOYA.

Key to species.

Leaves penninerved ... ... 1. *carnosa.*
Leaves 3-nerved ... ... 2. *Pottsii.*

1. **H. carnosa**, *R. Br.*; Benth. Fl. Hongk. 228. On rocks on Mt. Victoria, Hongkong; Lantao Island and Maönshan, Hongkong New Territory. Fl. white, May.
2. **H. Pottsii**, *Traill*; DC. Prodr. viii. 638. Macao. Fl. pale yellow, ——.

13.—DISCHIDIA.

1. **D. chinensis,** *Champ.*; Benth. Fl. Hongk. 228. Mt. Nicholson and at the east end of the island, Hongkong: Lantao Island, Hongkong New Territory. Fl. white, May.

14.—CEROPEGIA.

1. **C. trichantha,** *Hemsl.* in Journ. Bot. 1885, 286. Cape d'Aguilar, Hongkong. Fl. spotted red, October and November.

LOGANIACEAE.

Key to genera.

1. Small herb	2. *Mitrasacme.*
Shrub or tree	2.
2. Flowers pedicellate	3. *Buddleia.*
Flowers sessile	3.
3. Stem sheathed at the nodes	5. *Gaertnera.*
Stem naked	4.
4. Flowers large, yellow	1. *Gelsemium.*
Flowers small, white	4. *Strychnos.*

1.—GELSEMIUM.

1. **G. elegans,** *Benth.* Fl. Hongk. 229. Mt. Gough, Aberdeen New Road and south of Wanchai Gap, Hongkong; Kanghau, Hongkong New Territory; Lienchow River; Namkong River. Fl. yellow, December.

2.—MITRASACME.

Key to species.

1. Flowers in fascicles of 1–3 in upper axils...	1. *alsinoides.*
Flowers umbellate	2.
2. Leaves elliptic, mostly radical: calyx $\frac{1}{16}$ inch long	2. *nudicaulis.*
Leaves oblong, scattered: calyx $\frac{1}{6}$–$\frac{1}{8}$ inch long	3. *polymorpha.*

1. **M. alsinoides,** *R. Br.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 80. Taimoshan at 1500 ft., Hongkong New Territory; Swatow. Fl. white, February.
2. **M. nudicaulis,** *Reinw.*; Benth. Fl. Hongk. 230. Hongkong without locality; Kwangtung without locality. Fl. white, October.
3. **M. polymorpha,** *R. Br.*: *M. capillaris,* Wall.: Benth. Fl. Hongk. 230. On roadsides and in stony places, Hongkong: Lantao Island and near Lowu, Hongkong New Territory: Pakhoi. Fl. white, June—September.

3.—BUDDLEIA.

Key to species.

Corolla tube 1–2 lines long	... ...	1. *asiatica.*
Corolla tube 6 lines long	... ...	2. *Lindleyana.*

1. B. asiatica, *Lour.*; Benth. Fl. Hongk. 231. Hongkong without locality; Lienchow River; North River; West River; Wongyu; Lofoushan. Fl. white, February.
2. B. Lindleyana, *Fortune*; Benth. l. c. 231. Ravines south of Victoria Peak and in ravine near Wanchai Gap, Hongkong; Lienchow River; North River. Fl. purple, August—December.

4.—STRYCHNOS.

Key to species.

Flowers 4-merous	... ...	1. *paniculata.*
Flowers 5-merous	... ...	2. *angustiflora.*

1. S. paniculata, *Champ.*; Benth. Fl. Hongk. 232. In the Happy Valley woods, Mt. Nicholson and elsewhere, Hongkong; Hongkong New Territory without locality; Canton. Fl. white, May.
2. S. angustiflora, *Benth.* l. c. 232. Common in the island, Hongkong; Lamma Island, Kanghau and Hahang, Hongkong New Territory. Fl. white, May.

5.—GAERTNERA.

1. G. hongkongensis, *Seem.*; Benth. Fl. Hongk. 232. Hongkong without locality. Fl. ——.

GENTIANACEAE.

Key to genera.

1. Floating water plant	... ...	5. *Limnanthemum.*
Terrestrial plant	... ...	2.
2. Climber	... ...	2. *Crawfurdia.*
Stem erect	... ...	3.
3. Corolla rotate	... ...	4.
Corolla tubular, campanulate	... ...	3. *Gentiana.*
4. Corolla five times length of calyx	...	1. *Exacum.*
Corolla and calyx equal	... ...	4. *Swertia.*

1.—EXACUM.

1. E. tetragonum, *Roxb.*; Benth. Fl. Hongk. 233. On top of Mts. Victoria, Gough and Parker, Hongkong; Yintak, N. River. Fl. purple, September.

2.—CRAWFURDIA.

1. **C. fasciculata,** *Wall.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 107. Lofoushan. Fl. purple, September.

3.—GENTIANA.

Key to species.

1. Leaves linear or linear-lanceolate, 1 inch or more long	2.
Leaves ovate or lanceolate, less than 1 inch long	3.
2. Plant glabrous	1. *Atkinsonii.*
Plant more or less scabrous	2. *scabra.*
3. Leaves with hyaline margin, squarrose	3. *squarrosa.*
Leaves ascending	4. *Loureiri.*

1. **G. Atkinsonii,** *Burkill* in Journ. As. Soc. Bengal, n.s. ii. 309. Lofoushan at 3000 ft. Fl. ——, August, September.
2. **G. scabra,** *Bunge*; Griseb. in DC. Prodr. ix. 112. Lofoushan. Fl. blue, September.
3. **G. squarrosa,** *Ledeb.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 111. Kwangtung without locality. Fl. blue, April and May.
4. **G. Loureiri,** *Griseb.* in DC. Prodr. ix. 108. Fanling, Hongkong New Territory; Swatow; Kwaisin, Hoifung; abundant on grassy land, Canton. Fl. greenish outside, blue or rarely rose within, April.

4.—SWERTIA.

1. **S. vacillans,** *Maxim.*; *Ophelia vacillans*, Hance in Ann. Sci. Nat. sér. 5, 229. Limestone hills along the N. River; White Cloud hills, Canton; Tingushan. Fl. whitish, July.

5.—LIMNANTHEMUM.

Key to species.

1. Corolla lobes entire	1. *cristatum.*
Corolla lobes fimbriated	2.
2. Leaves 3–4 inches long; flowers very numerous in each axil	2. *indicum.*
Leaves 1 inch long; flowers solitary...	3. *coronatum.*

1. **L. cristatum,** *Griseb.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 131. Near Fanling, Santin and Sanwai, Hongkong New Territory; Hoifung. Fl. white, July—September.
2. **L. indicum,** *Thwaites*; Clarke l. c. 131. West River. Fl. white, May.
3. **L. coronatum,** *Dunn*, sp. n., *L. aurantiaco*, Dalz. affinis sed sepalis lineari-oblongis et coronae destributione distincta.

Herba aquatica, glabra, praeter foliorum laminas floresque submersa. *Folia* fluitantia, reniformia, 1–2 cm. diam., integra, chartacea; petioli 3–7 cm. longi, basi stipulis adnatisa lata. *Flores* saepissime solitarii, axillares, ex aqua

paullo protrusi. *Sepala* 5, oblongo-linearia, 6 mm. longa. *Corolla* flava, rotata, 2-2·5 cm. diam., 5-lobata; lobi oblongi, apice fimbriati, 1·2 cm. longi, tubo bis longiores, basi cristati, coronam pulchram fimbriatam 5 mm. longam supra os formantes. *Stamina* 5, in tubo medio inserta et eum paullo excedentia; antherae oblongae, sagittatae. *Stigma* in lamellas duas fimbriatas divisum.

Kwaisin, Hoifung, *Native Collector*, Hongk. Herb. n. 1651. Fl. yellow, September.

HYDROPHYLLACEAE.

1.—HYDROLEA.

1. **H. zeylanica,** *Vahl;* Clarke l. c. 133. Near Canton; North River. Fl. blue, November.

BORAGINACEAE.

Key to genera.

1.	Large tree	2.
	Herb or small shrub	3.
2.	Style twice bipartite	1. *Cordia.*
	Style once divided	2. *Ehretia.*
3.	Ovary entire or four pointed	4.
	Ovary 4-partite	5.
4.	Stem climbing	3. *Tournefortia.*
	Stem erect	4. *Heliotropium.*
5.	Nutlets quite smooth	8. *Lithospermum.*
	Nutlets rough or toothed	6.
6.	Nutlets with inflexed marginal teeth ...	5. *Thyrocarpus.*
	Nutlets entire at margins	7.
7.	Nutlets glandular	7. *Bothriospermum.*
	Nutlets glochidiate	6. *Cynoglossum.*

1.—CORDIA.

1. **C. Myxa,** *Linn.*: Clarke in Hook. f. Fl. Brit. Ind. iv. 136. Near village north of Maönshan, Hongkong New Territory. Fl. white, June.

2.—EHRETIA.

Key to species.

1.	Leaves quite entire	1. *longiflora.*
	Leaves toothed	2.
2.	Leaves small, obovate, with a few coarse teeth at top...	2. *buxifolia.*
	Leaves lanceolate, crenate throughout	3. *acuminata.*

1. **E. longiflora,** *Champ.*; Benth. Fl. Hongk. 234. Victoria Peak, Happy Valley and Taitam, Hongkong; Kanghau, Hongkong New Territory; Pak-kwa-ngau, village, near Phoenix Mt., Swatow. Fl. white, March.

2. **E. buxifolia,** *Roxb.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 144. Bare sandy hills near the fishing village of Paksha in the extreme S. of the province. Fl. white, May--August.
3. **E. acuminata,** *R. Br.*; Clarke l. c. 141. West of stream leading from Wongneichong Gap to Deepwater Bay, Hongkong; Hoifung; Macao; Lienchow River; West River. Fl. white, May.

3.—TOURNEFORTIA.

1. **T. ovata,** *Wall.*; Clarke l. c. 147. Cockscomb rocks, West River. Fl. white, May.

4.—HELIOTROPIUM.

Key to species.

Leaves ovate	1. *indicum.*
Leaves small, linear-lanceolate ...	2. *strigosum.*

1. **H. indicum,** *Linn.*; Benth. Fl. Hongk. 235. Waste places near the seashore, Hongkong; hedges near Swatow; Macao; Pakhoi. Fl. blue, April.
2. **H. strigosum,** *Willd.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 151. Lantao Island, Hongkong New Territory; Pakhoi. Fl. white, Autumn.

5.—THYROCARPUS.

1. **T. Sampsoni,** *Hance*; Maxim. in Mél. Biol. viii. 562. Fields near Chaochaufu; Tingushan near Chaokingfu, W. River; Lienchow River; at the Filoitze monastery near Tsingyun, N. River. Fl. blue or white, January—August.

6.—CYNOGLOSSUM.

1. **C. micranthum,** *Desf.*; Clarke in Hook. f. Fl. Brit. iv. 156. Swatow; on a rubbish heap outside the north gate, Canton. Fl. white, August.

7.—BOTHRIOSPERMUM.

1. **B. tenellum,** *Fisch.*; Benth. Fl. Hongk. 235. A weed in paddy fields, Hongkong; Swatow; Canton. Fl. white or blue, April.

8.—LITHOSPERMUM.

1. **L. chinense,** *Hook. et Arn.*; DC. Prodr. x. 80. Macao. Fl. yellow, — .

CONVOLVULACEAE.

Key to genera.

1.	Leafless parasite	9. *Cuscuta.*
	Stem leafly	2.
2.	Prostrate creeping herb with reniform leaves and minute flowers... ...	8. *Dichondra.*
	Erect or climbing plant or with large flowers	3.
3.	Flowers in long racemes	7. *Porana.*
	Flowers in axillary cymes or solitary...	4. *Ipomoea, etc.*

1.—ERYCIBE.

1. **E. obtusifolia,** *Benth.* Fl. Hongk. 236. Mt. Victoria and Mt. Parker south, Hongkong. Fl. white, June.

2.—ARGYREIA.

1. **A. speciosa,** *Sweet*; Hook. f. Fl. Brit. Ind. iv. 185. Naturalised, Hongkong. Fl. ——.

3.—LETTSOMIA.

For key to species see *Ipomoea.*

1. **L. Chalmersii,** *Hance* in Journ. Bot. 1878, 230. Sanning: Tingushan, near Chaokingfu, West River. Fl. white, September.
2. **L. Championi,** *Benth. et Hook. f.*; *Argyreia Championi,* Benth. Fl. Hongk. 236. North side of Victoria Peak, Hongkong; Swatow: Macao: Lofoushan. Fl. ——, September.
3. **L. strigosa,** *Roxb.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 193. Castle Peak, Hongkong New Territory. Fl. purple, October.

4.—IPOMOEA.

Key to species of *Erycibe* (No. 1), *Argyreia* (No. 2), *Lettsomia* (No. 3), *Ipomoea* (No. 4), *Convolvulus* (No. 6), and *Evolvulus* (No. 7).

1.	Leaves entire	2.
	Leaves lobed or compound ...	20.
2.	Bracts boatshaped, persistent ...	1. *I. pileata.*
	Bracts leaflike, small or none ...	3.
3.	Water plant	2. *I. aquatica.*
	Climber	4.
4.	Leaves narrowed into the petioles	30.
	Leaves sagittate or cordate ...	7.
5.	Leaves shining white beneath ...	*Lettsomia Chalmersii.*
	Leaves glabrous or grey pubescent	6.
6.	Leaves pubescent beneath ...	*Lettsomia Championi.*
	Leaves glabrous	*Erycibe obtusifolia.*
7.	Leaves sagittate	8.
	Leaves cordate	13.

8.	Leaves subsessile	3. *I. angustifolia.*
	Leaves long-stalked	5. *I. stenantha.*
9.	Hairs strigose	11.
	Hairs soft	10.
10.	Leaves large, white-tomentose beneath	*Argyreia speciosa.*
	Leaves small, nearly glabrous ...	*Convulvulus parviflorus.*
11.	Pedicels many-flowered	*Lettsomia strigosa.*
	Pedicels 1-flowered	12.
12.	Flowers more than 2 inches long	22. *I. Learei.*
	Flowers under 1 inch	4. *I. sinensis.*
13.	Calyx densely hairy	9.
	Calyx glabrous or nearly so ...	14.
14.	Sepals with long points	16.
	Sepals obtuse	15.
15.	Peduncles smooth	18.
	Peduncles minutely thorny ...	6. *I. chryseides.*
16.	Sepals hair-pointed	7. *I. Batatas.*
	Sepals acuminate	17.
17.	Flowers red or purple	8. *I. acuminata.*
	Flowers white	9. *I. Bona-nox.*
18.	Sepals under $\frac{1}{4}$ inch long	29.
	Sepals over $\frac{1}{2}$ inch long	19.
19.	Bracts persistent in flower, hairy	10. *I. Turpethum.*
	Bracts caducous	11. *I. cymosa.*
20.	Leaves bilobed	12. *I. biloba.*
	Leaves 3 or more lobed	21.
21.	Leaves digitately or pedately compound or nearly so	22.
	Leaves lobed	26.
22.	Leaves compound...	23.
	Leaves deeply divided	24.
23.	Seeds villous	13. *I. palmata.*
	Seeds glabrous, crested	14. *I. quinata.*
24.	Pedicels many-flowered	15. *I. digitata.*
	Pedicels 1- or few-flowered ...	25.
25.	Leaves with toothed or pinnatifid lobes	16. *I. dissecta.*
	Leaves with entire lobes	17. *I. carnosa.*
26.	Sepals obtuse	6. *I. chryseides.*
	Sepals acuminate or hair-pointed	27.
27.	Sepals hair-pointed	28.
	Sepals acuminate	7. *I. Batatas.*
28.	Leaves white-tomentose beneath	18. *I. pilosa.*
	Leaves green	19. *I. hederacea.*
29.	Leaves orbicular	20. *I. obscura.*
	Leaves oblong	21. *I. linifolia.*
30.	Prostrate herb	*Evolvulus alsinoides.*
	Climbing shrub	5.

1. I. pileata, *Roxb.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 203. Hongkong without locality; Kanghau, Hongkong New Territory. Fl. pink, October.

2. I. **aquatica**, *Forsk.*; Clarke l. c. 210. Cultivated in Hongkong and the New Territory. Fl. white, July.
3. I. **angustifolia**, *Jacq.*; *L. filicaulis*, Blume; Benth. Fl. Hongk. 238. Near Stanley and in sunny places, Hongkong; Macao. Fl., yellowish white, June—September.
4. I. **sinensis**, *Choisy*; Benth. Fl. Hongk. 239. Hongkong without locality and in Blake Garden: Hoifung; Macao. Fl. white, October.
5. I. **stenantha**, *Dunn*, sp. n., *I. calycinae*, Benth. affinis sed calyce alato et floribus multo majoribus distans.

Herba convolvens, praeter caulem pilis basi bulbosis vestitum glabra. *Folia* alterna, triangularia, late sagittata, apice breviter caudata, apiculata, basi auriculis obtusis, sinu late rotundato, 8–9 cm. longa, 5–6 cm. lata, integra, papyracea, venis marginem propinquantibus 5–6 paribus haud prominentibus; petioli 4–5 cm. longi. *Flores* solitarii, axillares, 4 cm. longi; pedicelli 3–4 cm. longi, medio bibracteolati. *Sepala* 5, lanceolata, apice setacea, basi cordata, trinervia, nervis alatis, alis basi latioribus dentato-laceratis, 2–4 cm. longa. *Corolla* rubra, tubulosa, ore in lobos triangulares paullo expansa, basi 4 mm. ore 2 cm. lata, tubo 3·5 cm. longo, lobis 7 mm. longis. *Stamina* 5, inclusa, fere in basi corollae affixa. *Ovarium* sphaericum, biloculare, 4-ovulatum; stylus inclusus; stigma biglobosum.

Lanfashan, Hoifung, *Native Collector*, 24. 9. 1904, Herb. Hongk. n. 1676.

6. I. **chryseides**, *Ker*: Benth. Fl. Hongk. 239. Mt. Victoria, Hongkong: Lantao Island and near Saikung, Hongkong New Territory; Hoifung; Whampoa; Lienchow River. Fl. yellow, May—December.
7. I. **Batatas**, *Lam.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 202. Cultivated in Hongkong and the New Territory. Fl. purple, December.
8. I. **acuminata**, *Roem. et Schult.*: *Pharbitis insularis*, Choisy in DC. Prodr. ix. 341. Hill Road, Hongkong. Fl. rosy purple, October.
9. I. **Bona-nox**, *Linn.*: Benth. Fl. Hongk. 238. On the outskirts of woods, and commonly cultivated in Hongkong. Fl. white, Summer.
10. I. **Turpethum**, *R. Br.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 212. In hedges at Kamtin, Hongkong New Territory; Whampoa; White Cloud hills, Canton; Lienchow River; Northwest River; West River. Fl. white, May—October.
11. I. **cymosa**, *Roem. et Schult.*; Benth. Fl. Hongk. 238. Shaukiwan and Aberdeen-Pokfulam Road, Hongkong; Kamtin, Hongkong New Territory: on the bank of the Han River, Swatow; Canton; Macao. Fl. white or yellow, May—December.
12. I. **biloba**, *Forsk.*: *I. Pes-caprae*, Sweet: Benth. l. c. 238. On the seashore at Taitam Tuk, Repulse Bay and Chaiwantsai, Hongkong; Kowloon, Hongkong New Territory; Chaochaufu, Swatow; Macao. Fl. pink, August—November.

13. I. **palmata**, *Forsk.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 214. Very common, climbing over trees and shrubs, Hongkong; Swatow. Fl. purple, Summer.
14. I. **quinata**, *R. Br.*; Benth. Fl. Hongk. 237. Hongkong without locality; Lantao Island and Lokloha, Hongkong New Territory; Swatow; Macao. Fl. purple, September—December.
15. I. **digitata**, *Linn.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 202. At the foot of Mt. Davis near the sea, on the Pokfulam-Aberdeen Road near the sea, Hongkong; Lantao Island, Hongkong New Territory; Wongmau Island. Fl. purple, August.
16. I. **dissecta**, *Willd.*; Clarke l. c. 200. Hongkong on a bank below Middle Road near Bishop's House; Macao. Fl. white, November.
17. I. **carnosa**, *R. Br.*; Clarke l. c. 213. On the seashore at Chaiwan, Hongkong: Pakhoi. Fl. pale yellow, December.
18. I. **pilosa**, *Sweet*; Clarke l. c. 213. Macao. Fl. purple.
19. I. **hederacea**, *Jacq.*; Clarke l. c. 199. In waste places near Kennedy Road, Hongkong; mainland opposite Hongkong; hill near Chaochaufu, Swatow; Macao. Fl. blue, August.
20. I. **obscura**, *Ker*; Clarke l. c. 207. Hongkong without locality; Cheungchau Island, Hongkong New Territory. Fl. pale yellow with a purple base, November.
21. I. **linifolia**, *Blume*; Clarke l. c. 205. Hoifung; waste ground, Canton. Fl. yellow, October.
22. I. **Learei**, *Paxt.* Bot. Mag. vi. 267. Naturalised in Hongkong. Fl. blue, ——.

5.—CONVOLVULUS.

1. C. **parviflorus**, *Vahl*; *Jacquemontia violacea*, Benth. Fl. Hongk. 239. Mt. Davis, near the sea, Hongkong; Kowloon Catchwater and Chinwan, Hongkong New Territory; Kwaisin, Hoifung. Fl. white, pink or violet, September.

6.—EVOLVULUS.

1. E. **alsinoides**, *Linn.*; Benth. Fl. Hongk. 240. Common about roadsides and grassy places, Hongkong; Lantao Island and Castle Peak, Hongkong New Territory; on the bank of the Han River, Swatow. Fl. pale blue, April—September.

7.—PORANA.

1. P. **sinensis**, *Hemsl.* Enum. Pl. China, ii. 167. Lienchow River. Fl. lilac-coloured, August.

8.—DICHONDRA.

1. D. **repens**, *Forst.*; Benth. Fl. Hongk. 240. On a grassy bank in the Botanic Gardens, Hongkong. Fl. yellow, February.

9.—CUSCUTA.

Key to species.

Fruit ovoid, much longer than calyx ...	1. *japonica.*
Fruit depressed-globular	2. *chinensis.*

1. **C. japonica,** *Choisy*; Benth. Fl. Hongk. 241. On Victoria Peak, East Point and Little Hongkong, Hongkong. Fl. white, November.
2. **C. chinensis,** *Lam.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 226. Pingchau Island, Hongkong New Territory; Canton. Fl. white, August.

SOLANACEAE.

Key to genera.

1.	Filaments very short	1. *Solanum.*
	Filaments elongated, filiform	2.
2.	Corolla less than 1 inch across ...	3.
	Corolla more than 2 inches across ...	4.
3.	Shrub	3. *Lycium.*
	Herb	2. *Physalis.*
4.	Flower funnel-shaped	4. *Datura.*
	Flower salver-shaped	5. *Nicotiana.*

1.—SOLANUM.

Key to species.

1.	Plant armed with thorns	2.
	Plant unarmed	7.
2.	Anthers not more than 2 lines long ...	10.
	Anthers over 7 lines long	4.
3.	Flowers all fertile	1. *indicum.*
	Fertile flowers solitary in each raceme	2. *incanum.*
4.	Corolla lobes broad, triangular ...	3. *Wrightii.*
	Corolla lobes lanceolate	5.
5.	Berry glabrous	6.
	Berry hairy	4. *ferox.*
6.	Cymes much shorter than the leaves ...	5. *torvum.*
	Cymes much longer than the leaves ...	6. *hainanense.*
7.	Flowers axillary, solitary or fascicled	7. *biflorum.*
	Flowers in stalked umbels or cymes ...	8.
8.	Leaves woolly	8. *verbascifolium.*
	Leaves glabrous or subglabrous ...	9.
9.	Leaves cordate ; stem climbing ...	9. *Dulcamara.*
	Leaves lanceolate ; stem erect ...	10. *nigrum.*
10.	Leaves nearly glabrous	11. *aculeatissimum.*
	Leaves woolly below	3.

1. **S. indicum,** *Linn.*; Benth. Fl. Hongk. 242. At East Point, in waste places, Hongkong; Hoifung. Fl. blue, June.
2. **S. incanum,** *Linn.*; *S. sanctum*, Linn.; Benth. l. c. 243. Hongkong without locality; Pakhoi. Fl. blue, May.

3. **S. Wrightii**, *Benth.* l. c. 243. On the Bonham Road, Hongkong; Swatow. Fl. blue, August.
4. **S. ferox**, *Linn.*; Benth. l. c. 243. On roadsides, Hongkong; Macao. Fl. white, — —.
5. **S. torvum**, *Swartz*; DC. Prodr. xiii. I. 260. Mt. Victoria and East Point, Hongkong; Kwangtung without locality. Fl. white, June.
6. **S. hainanense**, *Hance* in Journ. Bot. 1868, 331. Hillside near Swatow; Pakhoi. Fl. blue, April.
7. **S. biflorum**, *Lour.*; *S. decemdentatum*, Roxb.; Benth. Fl. Hongk. 242. Near Magazine Gap, at Cape d'Aguilar and in waste places, Hongkong; on the bank of the Han River, Swatow; Lienchow River; Lofoushan. Fl. white, July.
8. **S. verbascifolium**, *Linn.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 230. Maönshan and near Fanling, Hongkong New Territory; Swatow; Lienchow River; Namkong River. Fl. white, March.
9. **S. Dulcamara**, *Linn.*: Clarke l. c. 229. Lienchow River. Fl. purple, August.
10. **S. nigrum**, *Linn.*; Benth. Fl. Hongk. 242. Mt. Kellet, Mt. Parker and in waste places, Hongkong; Swatow; common weed, Canton. Fl. white, April.
11. **S. aculeatissimum**, *Jacq.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 237. River bank near Swatow. Fl. white, April.

2.—PHYSALIS.

Key to species.

Fruiting calyx 5-angled ...	1. *angulata.*
Fruiting calyx globular	2. *minima.*

1. **P. angulata**, *Linn.*; Benth. Fl. Hongk. 244. In waste places, Hongkong; Waglan Island, Hongkong New Territory; fields near Chaochaufu. Fl. yellow, April.
2. **P. minima**, *Linn.*: Clarke in Hook. f. Fl. Brit. Ind. iv. 238. Swatow; Lienchow River. Fl. yellow, December.

3.—LYCIUM.

1. **L. chinense**, *Mill.*: Benth. Fl. Hongk. 244. Naturalised and cultivated in Hongkong; in fields near Chaochaufu; Pakhoi; Lienchow River. Fl. purple, April—December.

4.—DATURA.

1. **D. alba**, *Nees*: Benth. l. c. 245. Near villages, in waste places, Hongkong; near Lokloha, Hongkong New Territory; Swatow; Lienchow River. Fl. white, March.

5.—NICOTIANA.

1. **N. rustica**, *Linn.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 245. In hedges near Chaochaufu. Fl. pink, April.

SCROPHULARIACEAE.

Key to genera.

1	Tree	2. *Paulownia.*
	Herb	2.
2.	Corolla rotate	4.
	Corolla tubular	3.
3.	Corolla tube long, thin, cylindric, shortly lobed	8.
	Corolla tube short, not cylindric ...	11.
4.	Leaves in three linear segments ...	22. *Sopubia.*
	Leaves simple, entire or toothed ...	5.
5.	Leaves alternate	1. *Celsia.*
	Leaves opposite	6.
6.	Corolla densely hairy at mouth ...	15. *Scoparia.*
	Corolla glabrous	7.
7.	Flowers under $\frac{1}{12}$ inch	14. *Microcarpaea.*
	Flowers $\frac{3}{12}$ inch or more	18. *Veronica.*
8.	Corolla bilabiate	9.
	Corolla salver-shaped	19. *Buchnera.*
9.	Calyx gamosepalous, cylindric ...	23. *Siphonostegia.*
	Calyx deeply divided	10.
10.	Leaves linear, scabrous	20. *Striga.*
	Leaves broad	6. *Adenosma.*
11.	Calyx spathaceous	21. *Centranthera.*
	Calyx 5-lobed	12.
12.	Plant glabrous ; leaves entire... ...	13.
	Leaves crenate, serrate or lobed ...	16.
13.	Flowers spicate...	8. *Dopatrium.*
	Flowers axillary	14.
14.	Corolla lobes spreading	28.
	Upper lip of corolla concave, broad, erect	15.
15.	Stamens 4	16.
	Stamens 2	12. *Ilysanthes.*
16.	Calyx winged or strongly ribbed ...	10 *Torenia.*
	Calyx without wings or ribs	17.
17.	Calyx divided to the base	18.
	Calyx lobes equal to or shorter than tube	21.
18.	Calyx regular	19.
	Calyx irregular	6. *Adenosma.*
19.	Stamens 2	20.
	Stamens 4	11. *Vandellia.*
20.	Capsule ovoid, short	12. *Ilysanthes.*
	Capsule linear	13. *Bonnaya.*
21.	Flowers solitary, terminal	24. *Monochasma.*
	Flowers in spikes or racemes	22.
22.	Flowers in loose naked racemes ...	25.
	Flowers in spikes or leafy racemes ...	23.
23.	Leaves pinnatifid	25. *Phtheirospermum.*
	Leaves entire...	24.
24.	Flowers in dense spikes : leaves sessile	16. *Calorhabdos.*
	Flowers in racemes or scattered ...	26.

25.	Leaves coarsely toothed	17. *Alectra.*
	Leaves finely toothed	4. *Mazus.*
26.	Leaves sessile	7. *Limnophila.*
	Leaves stalked	27.
27.	Leaves serrate	5. *Lindenbergia.*
	Leaves crenate	7. *Limnophila.*
28.	Leaves orbicular	3. *Mimulus.*
	Leaves oblong	9. *Herpestis.*

1.—CELSIA.

1. **C. coromandeliana**, *Vahl*; Hook. f. Fl. Brit. Ind. iv. 251. West River. Fl. yellow, May.

2.—PAULOWNIA.

1. **P. Fortunei**, *Hemsl.* Enum. Pl. China, ii. 180. At Monshipang Village, Chaochaufu; Lienchow River. Fl. cream-coloured with purple markings on the inside, March.

3.—MIMULUS.

1. **M. orbicularis**, *Benth.*; Hook. f. Fl. Brit. Ind. iv. 259. In paddy fields, Hoifung. Fl. blue, September.

4.—MAZUS.

1. **M. rugosus**, *Lour.*; Benth. Fl. Hongk. 247. In paddy fields at Little Hongkong, and in damp places, Hongkong; in fields near Chaochaufu; in cultivated ground, Canton. Fl. blue, April.

5.—LINDENBERGIA.

Key to species.

Flowers large, spicate	1. *philippinensis.*
Flowers small, axillary	2. *urticaefolia.*

1. **L. philippinensis**, *Benth.*; Hook. f. Fl. Brit. Ind. iv. 261. On the walls of Canton: porphyritic caves near Saichushan, near Canton. Fl. yellow, February.
2. **L. urticaefolia**, *Lehm.*: Hook. f. l. c. 262. Along the Lienchow River. Fl. yellow, August—December.

6.—ADENOSMA.

Key to species.

1.	Flowers all capitate or spicate ..	2.
	Flowers axillary or in close racemes ...	1. *grandiflora.*
2.	Calyx ¼ inch long	2. *capitatum.*
	Calyx ⅛ inch long	3. *microcephala.*

1. **A. grandiflora**, *Benth.*; *Pterostigma grandiflorum*, Benth. Fl. Hongk. 247. Common on the hillsides, Hongkong;

Lantao Island and near Sanwai, Hongkong New Territory; hill near Chaochaufu; Macao. Fl. bluish purple, Summer.

2. A. **capitata**, *Benth.; Pterostigma capitatum*, Benth. l. c. 248. At Little Hongkong, Hongkong; at Kuntong, Hongkong New Territory; Hoifung; Canton. Fl. bluish purple, September.

3. A. **microcephala**, *Hook. f.* Fl. Brit. Ind. iv. 264. Lofoushan. Fl. blue, August.

7.—LIMNOPHILA.

Key to species.

1.	Flowers sessile	2.
	Flowers stalked	4.
2.	Leaves all entire	3.
	Some or all leaves multifid	8.
3.	Leaves stalked	1. *Roxburghii.*
	Leaves sessile	7.
4.	Leaves multifid	2. *gratioloides.*
	Leaves entire	5.
5.	Stem hirsute	8. *hirsuta.*
	Stem glabrous	6.
6.	Corolla slightly exceeding calyx ...	3. *erecta.*
	Corolla 3 or 4 times as long as calyx...	4. *gratissima.*
7.	Nerves of leaves pinnate	4. *gratissima.*
	Nerves of leaves palmate	5. *hypericifolia.*
8.	Leaves all multifid	6. *sessiliflora.*
	Lower leaves only multifid	7. *heterophylla.*

1. L. **Roxburghii**, *G. Don*; Hook f. Fl. Brit. Ind. iv. 265. Lantao Island. Hongkong New Territory; Lanfa Mt., Hoifung; North River. Fl. blue-purple, mouth yellow, September.

2. L. **gratioloides**, *R. Br.*; Hook. f. l. c. 271. Hoifung. Fl. pink and yellow, October.

3. L. **erecta**, *Benth.*; Hook. f. l. c. 267. Marshes on the White Cloud hills, Canton. Fl. white, ——.

4. L. **gratissima**, *Blume*; *L. punctata*, Blume; Benth. Fl. Hongk. 248. Little Hongkong and the Happy Valley, Hongkong; Lamma Is. and near Lowu, Hongkong New Territory; Hoifung; White Cloud hills, Canton; North River. Fl. pink, October.

5. L. **hypercifolia**, *Benth.*; Hook. f. l. c. 269. Lienchow River. Fl. purple, October.

6. L. **sessiliflora**, *Blume*; Hook. f. l. c. 270. Stream near Chaochaufu. Fl. bluish, April.

7. L. **heterophylla**, *Benth.*; Hook. f. l. c. 270. At Wongneichong, Hongkong; near Sanwai, Hongkong New Territory; at Yit-hai, Swatow; along the West River. Fl. purple, April—October.

8. L. **hirsuta**, *Benth.* Fl. Hongk. 248. In a pond (since filled in) east of the Happy Valley, Hongkong; in a pool on Taimoshan, and in paddy fields at Kuntong, Hongkong New Territory. Fl. purple, November.

8.—DOPATRIUM.

1. D. junceum, *Ham.*; Benth. Fl. Hongk. 249. At East Point in marshy ground, Hongkong; Whampoa in rice fields; Canton in rice fields. Fl. rose-coloured, June—October.

9.—HERPESTIS.

1. H. Monniera, *H. B. K.*; Benth. Fl. Hongk. 249. Causeway Bay, and common in marshes, Hongkong: Lokloha, Hongkong New Territory; Kwangtung without locality. Fl. pale blue, June—December.

10.—TORENIA.

Key to species.

1.	Racemes elongated; flowers yellow or yellow and purple	2.
	Flowers axillary or pseudo-axillary: flowers blue or purple	3.
2.	Leaves narrowly ovate; calyx 5-ribbed	1. *flava.*
	Leaves broadly ovate; calyx 5-winged	1a. *Fordii.*
3.	Calyx 5-ribbed	4.
	Calyx 3-winged	5.
4.	Corolla nearly twice as long as calyx	8.
	Corolla and calyx about equal ...	2. *parviflora.*
5.	Calyx wings narrower than the spaces	3. *concolor.*
	Calyx wings broader than the spaces	6.
6.	Leaves ovate, rounded below	4. *oblonga.*
	Leaves oblong, narrowed below ...	7.
7.	Filaments with a subulate appendage	5. *vagans.*
	Filaments with no appendage	6. *peduncularis.*
8.	Plant hispid	7. *hirsuta.*
	Plant nearly glabrous	8. *Benthamiana.*

1. T. flava, *Ham.*; Benth. Fl. Hongk. 250. Hongkong without locality; Lanfa Mt., Hoifung; Whampoa; along the North River; Lofoushan. Fl. yellow, July—September.

1a. T. Fordii, *Hook. f.* Bot. Mag. t. 6797B. White Cloud monastery, Canton: Lofoushan. Fl. pale yellow with purple spots, August.

2. T. parviflora, *Ham.*; Hook. f. Fl. Brit. Ind. iv. 278. White Cloud hills, Canton: Lofoushan. Fl. blue, June—September.

3. T. concolor, *Lindl.*; *T. rubens*, var. *grandiflora*, Benth. Fl. Hongk. 250. Common on Victoria Peak, Hongkong. Fl. dark blue, July.

4. T. oblonga, *Hance*; Maxim. in Mél. Biol. ix. 411. Pokfulam-Aberdeen Road, and Shaukiwan, Hongkong: Swatow; Hoifung; Macao. Fl. purple, June—September.

5. T. vagans, *Roxb.*: Hook. f. Fl. Brit. Ind. iv. 277. Singmoon, Kwangtung (probably Capsuimum, Hongkong New Territory). Fl. pale blue, ——.

6. **T. peduncularis,** *Benth.* : Hook. f. l. c. 276. Tingushan, near Chaokingfu, W. River ; Lofoushan. Fl. pale blue, August.
7. **T. hirsuta,** *Lam.* ; DC. Prodr. x. 410. Between Taipo and Fanling, Hongkong New Territory ; Yit-hai, Swatow. Fl. blue, April.
8. **T. Benthamiana,** *Hance* ; Maxim. in Mél. Biol. ix. 411. Aberdeen, Hongkong ; Swatow ; Whampoa. Fl. blue, May—August.

11.—VANDELLIA.

Key to species.

1. Capsule twice as long as calyx, linear, acuminate	2.
Capsule equal to or shorter than calyx, globose, ovate or oblong obtuse ...	3.
2. Leaf ovate, petioles distinct	1. *pedunculata.*
Leaf linear or oblong, gradually narrowed below	2. *angustifolia.*
3. Calyx of flower 5-dentate	4.
Calyx of flower 5-partite	5.
4. Plant nearly glabrous	3. *crustacea.*
Plant hairy	4. *hirsuta.*
5. Peduncles barely exceeding the calyx	5. *urticifolia.*
Peduncles many times longer than the calyx	6.
6. Plants with soft long hairs	6. *mollis.*
Plants scabrous...	7. *scabra.*

1. **V. pedunculata,** *Benth.* ; Hook. f. Fl. Brit. Ind. iv. 282. On damp ground, Aberdeen, Hongkong ; Whampoa ; Pakhoi. Fl. white or pale blue with a white spot, July—November.
2. **V. angustifolia,** *Benth.* ; Hook. f. l. c. 282. Hongkong without locality ; Hoifung ; Lintin Island, Canton River near Hongkong. Fl. purple, September.
3. **V. crustacea,** *Benth.* Fl. Hongk. 251. On Victoria Peak and frequent in paddy fields, Hongkong ; Hoifung ; common weed, Canton ; Pakhoi ; Lofoushan. Fl. purple, September.
4. **V. hirsuta,** *Ham.* ; Hook. f. Fl. Brit. Ind. iv. 280. Sanning ; banks of the West River. Fl. bluish white, ——.
5. **V. urticifolia,** *Hance* in Journ. Bot. 1868, 301. Lanfa Mt., Hoifung ; Lienchow River ; at Tsingyun North River. Fl. blue, September—December.
6. **V. mollis,** *Benth.* ; Hook. f. l. c. 281. Marshy places around Canton. Fl. brown and yellow, ——.
7. **V. scabra,** *Benth.* Fl. Hongk. 251. Hongkong without locality ; Lofoushan. Fl. ——, August.

12.—ILYSANTHES.

1. **I. hyssopioides,** *Benth.* Fl. Hongk. 252. In a marsh in the Happy Valley, and Chaiwan, Hongkong. Fl. pale blue, August.

13.—BONNAYA.

Key to species.

1. Leaves linear; fruiting pedicels reflexed	1. *tenuifolia.*
Leaves oblong; fruiting pedicels erect	2.
2. Leaves sessile; capsule twice the length of calyx	2. *brachiata.*
Leaves shortly petioled; capsule thrice the length of calyx	3.
3. Leaves distantly crenate-serrate ...	3. *veronicaefolia.*
Leaves finely serrate	4. *reptans.*

1. **B. tenuifolia**, *Spreng.*; Hook. f. Fl. Brit. Ind. iv. 286. Whampoa, Pakhoi and other localities in Kwangtung. Fl. pale blue.
2. **B. brachiata**, *Link et Otto*; Hook. f. l. c. 284. In a field at Chaiwan, Hongkong; Kwangtung in various localities. Fl. red or white, January.
3. **B. veronicaefolia**, *Spreng.*; Benth. Fl. Hongk. 252. A common weed in Hongkong; in hedges near Chaochaufu; a common weed in cultivated ground, Canton. Fl. violet, September.
4. **B. reptans**, *Spreng.*; Hook. f. Fl. Brit. Ind. iv. 284. White Cloud hills, Canton; North River; Solinkun, Lofoushan. Fl. light purple, August.

14.—MICROCARPAEA.

1. **M. muscosa**, *R. Br.*; Benth. Fl. Hongk. 253. Marshy ground, Hongkong without locality. Fl. rose, Autumn.

15.—SCOPARIA.

1. **S. dulcis**, *Linn.*; Benth. Fl. Hongk. 252. A common weed in Hongkong: on the bank of the Han River, Swatow; Macao. Fl. white, April—June.

16.—CALORHABDOS.

1. **C. cauloptera**, *Hance* in Journ. Bot. 1877, 298. Lienchow River. Fl. dark purple, August—October.

17.—ALECTRA.

1. **A. indica**, *Benth.*; Hook. f. Fl. Brit. Ind. iv. 297. Lofoushan Fl. yellow, Autumn.

18.—VERONICA.

Key to species.

1. Flowers racemose	2.
Flowers solitary, axillary	1. *serpyllifolia.*
2. Racemes axillary	2. *Anagallis.*
Racemes terminal	3.

3. Pedicel longer than calyx	... ...	3. *spicata.*
Pedicel shorter than calyx	... ...	4. *spuria.*

1. **V. serpyllifolia**, *Linn.*; Hook. f. Fl. Brit. Ind. iv. 296. Near Swatow. Fl. white or lilac, April.
2. **V. Anagallis**, *Linn.*; DC. Prodr. x. 467. Wongneichong and East Point in cultivated ground, Hongkong; Swatow; abundant in vegetable grounds west of the city, Canton. Fl. blue or pink, February.
3. **V. spicata**, *Linn.*; DC. l. c. 466. Lofoushan. Fl. blue, August.
4. **V. spuria**, *Linn.*; *V. paniculata*, Benth.; DC. l. c. 465. Grassy slopes, Kwangtung in various localities. Fl. blue, July—September.

19.—BUCHNERA.

1. **B. cruciata**, *Ham.*; Benth. Fl. Hongk. 253. At Pokfulam and Little Hongkong, Hongkong; Sheungshui, Kuntong and Hahang, Hongkong New Territory; Lanfa Mt., Hoifung; White Cloud hills, Canton; Pakhoi. Fl. bluish-purple, September.

20.—STRIGA.

Key to species.

Calyx 10-ribbed	... ...	1. *lutea.*
Calyx 15-ribbed	... ...	2. *Masuria.*

1. **S. lutea**, *Lour.*; *S. hirsuta*, Benth. Fl. Hongk. 254. Common in grassy places, Hongkong; Pakhoi. Fl. yellow, July.
2. **S. Masuria**, *Benth.* Fl. Hongk. 254. Near Deepwater Bay, very rare, Hongkong; Kwangtung without locality. Fl. ——.

21.—CENTRANTHERA.

Key to species.

1. Strong erect herb	... ...	2.
Diffuse plant, under 6 inches high	...	1. *humifusa.*
2. Flowers yellow ...	... ...	2. *Brunoniana.*
Flowers purple ...	... ...	3. *hispida.*

1. **C. humifusa**, *Wall.*; Hook. f. Fl. Brit. Ind. iv. 301. Hoifung; White Cloud hills, Canton. Fl. yellow, October.
2. **C. Brunoniana**, *Wall.*; DC. Prodr. x. 525. Hongkong without locality; Lofoushan. Fl. yellow, August.
3. **C. hispida**, *R. Br.*: DC. l. c. 525. In valley east of Wanchai Gap, Hongkong. Fl. purple, September.

22.—SOPUBIA.

1. **S. trifida**, *Ham.*; Hook. f. Fl. Brit. Ind. iv. 302. North River. Fl. yellow to purple, November.

23.—SIPHONOSTEGIA.

1. **S. chinensis,** *Benth.*; DC. Prodr. x. 538. Mt. Davis and Little Hongkong, Hongkong; Lantao Island, Hongkong New Territory; Kwangtung, various localities. Fl. yellow, June.

24.—MONOCHASMA.

1. **M. monantha,** *Hemsl.* Enum. Pl. China, ii. 203. North River Fl. white, March.

25.—PHTHEIROSPERMUM.

1. **P. chinensis,** *Bunge*: DC. Prodr. x. 539. Kwangtung without locality. Fl. rose-coloured, August.

OROBANCHACEAE.

1.—AEGINETIA.

1. **A. indica,** *Roxb.*; Benth. Fl. Hongk. 257. On Victoria Peak and elsewhere, parasitic on *Rhodododendron*, *Gleichenia* and grass roots, Hongkong; Lanfa Mt., Hoifung; Lienchow River; Lofoushan. Fl. white outside and dark purple inside, August.

LENTIBULARIACEAE.

1.—UTRICULARIA.

Key to species.

1.	Floating plant	2.
	Marsh plant	3.
2.	Corolla $\frac{1}{2}$ inch across	1. *flexuosa.*
	Corolla $\frac{1}{4}$ inch across	2. *diantha.*
3.	Leaves linear, absent in flower ...	4.
	Leaves orbicular, persistent	6.
4.	Scales fixed by base	5.
	Scales fixed by the centre	3. *racemosa.*
5.	Flowers blue; fruiting pedicels erect...	4. *coerulea.*
	Flowers yellow; fruiting pedicels recurved	5. *bifida.*
6.	Corolla spur slender, equal to lower lip	6. *orbiculata.*
	Corolla spur conical, much shorter than lower lip	7. *Harlandi.*

1. **U. flexuosa,** *Vahl*; Benth. Fl. Hongk. 255. In small streams and ponds, Hongkong; in ponds at Kowloon, Sanwai and elsewhere, Hongkong New Territory; Swatow; Whampoa; common in stagnant pools, Canton; North River. Fl. yellow, October.
2. **U. diantha,** *Roem. et Schult.*; Benth. l. c. 256. In small streams, Hongkong. Fl. yellow, July—November.

3. **U. racemosa**, *Wall.*; Benth. l. c. 256. Common in marshes, Hongkong: Maönshan, Hongkong New Territory; Hoifung; common at Macao. Fl. purple, August—January.
4. **U. coerulea**, *Linn.*; Benth. l. c. 256. In marshes at Victoria Peak, Cape d'Aguilar and elsewhere, Hongkong; Taimoshan at 1500 ft. Hongkong New Territory; Kwangtung without locality. Fl. blue, February—July.
5. **U. bidfia**, *Linn.*; Benth. Fl. Hongk. 256. Ditch on the Shaukiwan Road, Hongkong; Taimoshan, Lowu, Hongkong New Territory; Chaochaufu. Fl. yellow, September—April.
6. **U. orbiculata**, *Wall.*; Benth. l. c. 256. In the Happy Valley and on Mt. Gough, Hongkong. Fl. lilac with a yellow palate, October.
7. **U. Harlandi**, *Oliver* in Benth. l. c. 257. On a rock in a ravine on Mt. Gough, on a damp rock above Taitam reservoir, Hongkong. Fl. ——, October.

GESNERACEAE.

Key to genera.

1. Perfect stamens 4	2.
Perfect stamens 2	6.
2. Stem long leafy	3.
Stem very short or none	5.
3. Capsule linear	4.
Berry ovate	2. *Rhynchotechum.*
4. Plant very woolly	11. *Loxostigma.*
Plant glabrous	1. *Aeschynanthus.*
5. Calyx and corolla 4-merous	5. *Bournea.*
Calyx and corolla 5-merous	3. *Oreocharis.*
6. Corolla salver-shaped	4. *Primulina.*
Corolla campanulate or urceolate ...	7.
7. Capsule linear, more than 5 times as long as broad	8.
Capsule oblong, not more than 4 times as long as broad	9. *Hemiboea.*
8. Capsule twisted...	10. *Boea.*
Capsule straight	9.
9. Corolla urceolate-campanulate with 5 erect triangular lobes	6. *Petrocodon.*
Corolla campanulate, bilabiate ...	7. *Didymocarpus*, *etc.*

1.—AESCHYNANTHUS.

Key to species.

Leaves acuminate, cuneate, entire ...	1. *acuminatus.*
Leaves oblong, sub-obtuse at both ends, with a few teeth at top ...	2. *apicidens.*

1. **A. acuminatus**, *Wall.*; *A. bracteatus*, Benth. Fl. Hongk. 258. Trailing on rocks on Mt. Victoria and Mt. Gough, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory. Fl. green, yellowish inside and reddish on the edges, January.
2. **A. apicidens**, *Hance* in Journ. Bot. 1883, 167. Taiping on the Lienchow River. Fl. ——.

2.—RHYNCHOTECHUM.

1. **R. ellipticum**, *A.DC.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 373. Lienchow River; North River. Fl. rose-purple, August.

3.—OREOCHARIS.

Key to species.

1. Leaves with raised woolly reticulations beneath	1. *Benthami.*
Veins of leaves not conspicuously reticulated	2.
2. Leaves regularly crenate	3.
Leaves entire	2. *filipes.*
3. Flowers salver-shaped	3. *Auricula.*
Flowers campanulate	4. *fokienensis.*

1. **O. Benthami**, *Clarke*; *Didymocarpus Oreocharis*, Hance; Maxim. in Mél. Biol. ix. 369. Grassy places among rocks on High West, Hongkong; Lantao Island, Hongkong New Territory; Hoifung; White Cloud hills, Canton; Lienchow River; Namfong River; Tingushan near Chaokingfu, West River. Fl. purple, August.
2. **O. filipes**, *Hance* in Journ. Bot. 1883, 166. Beneath overhanging rocks in the defile of Yeungtin, Lienchow River. Fl. ——.
3. **O. Auricula**, *Clarke*; *Didymocarpus Auricula*, S. Moore in Journ. Bot. 1875, 229. Top of the Phoenix Mt., Swatow. Fl. dark purple, April.
4. **O. fokienensis**, *Franchet* in Bull. Soc. Bot. Fr. xlvi. 212. Hoifung. Fl. pink, September.

4.—PRIMULINA.

1. **P. Tabacum**, *Hance* in Journ. Bot. 1883, 169. Lienchow River. Fl. purplish white, August—October.

5.—BOURNEA.

1. **B. sinensis**, *Oliver* in Hook. Ic. Pl. t. 2254. Lofoushan at 3000 ft. Fl. ——, September.

6.—PETROCODON.

1. **P. dealbatus**, *Hance* in Journ. Bot. 1883, 167. Near Tsinglin on the Lienchow River. Fl. greenish white, October.

7.—DIDYMOCARPUS.

Key to species of *Didymocarpus* and *Chirita* (No. 8).

1.	Leaves rotund, cordate or reniform ...	2.
	Leaves round or narrowed at base ...	3.
2.	Calyx segments linear	*D. rotundifolia.*
	Calyx segments oblong	7. *C. Dryas.*
3.	Calyx ½-fid	1. *C. anachoreta*
	Calyx more than ¾-fid	4.
4.	Corolla saccate at base	2. *C. sinensis.*
	Corolla tube cylindric	5.
5.	Leaves gradually narrowed into petiole	6.
	Leaves abruptly passing into petiole ...	10.
6.	Bracts small, linear	7.
	Bracts large, ovate, connate	3. *C. eburnea.*
7.	Leaves softly hairy on both sides ...	8.
	Leaves hispid or subglabrous	9.
8.	Leaves quite entire	*D. demissa.*
	Leaves crenulate	4. *C. Juliae.*
9.	Leaves oblong-lanceolate	*D. Hancei.*
	Leaves ovate-spathulate	*D. Fordii.*
10.	Leaves obtuse	11.
	Leaves acute	6. *C. macrosiphon.*
11.	Acaulescent plant	3.
	Plant with leafy stem	5. *C. obtusa.*

1. **D. rotundifolia,** *Hemsl.* Enum. Pl. China, ii. 230. North River. Fl. purple or blue, July.
2. **D. demissa,** *Hance* in Journ. Bot. 1883, 166. On rocks near Saingan on the Lienchow River. Fl. white, October.
3. **D. Hancei,** *Hemsl.* Enum. Pl. China, ii. 229. North River. Fl. rose-lilac coloured, April.
4. **D. Fordii,** *Hemsl.* l. c. 229. North River. Fl. light violet, September.

8. CHIRITA.

For key to species see *Didymocarpus* (No. 7).

1. **C. anachoreta,** *Hance* ; Maxim. in Mél. Biol. ix. 370. Rocky torrent banks. In rocky ground on the Lanfa Mt., Hoifung ; near the Buddist temple Filoitz on the North River ; Lofoushan 600 to 900 ft. Fl. pink, August.
2. **C. sinensis,** *Lindl.* ; Benth. Fl. Hongk. 259. Common in damp places in ravines, Hongkong ; Lantao Island and Maönshan, Hongkong New Territory ; Swatow ; North River. Fl. lilac-coloured, all the year.
3. **C. eburnea,** *Hance* in Journ. Bot. 1883, 168. Saingan on the Lienchow River. Fl. yellowish with reddish lines and orange-coloured spots, October.
4. **C. Juliae,** *Hance* l. c. 168. Lienchow River. Fl. violet-blue, October.

5. **C. obtusa,** *Clarke* in DC. Monogr. Phan. v. i. 114. Kwaisin, Hoifung; North-west River; Soliukun Monastery, Lofoushan at 800 ft. Fl. purplish blue, August.
6. **C. macrosiphon,** *Hance*; Clarke l. c. 130. Wet rocks on Tingushan near Chaokingfu, W. River. Fl. reddish-orange, ——.
7. **C. Dryas,** *Dunn* sp. n., *C. sinensi*, Lindl. affinis, sed corolla basi non saccata et colore ejus rubro (si collector *Lo Quai* verbum anglicum *red* recte intellegit) differt.

Herba acaulis, ubique praeter flores pilis septatis laxe vestita. *Folia* rotundata vel late elliptica, apice obtusa, basi brevissime acuminata, 2·5 4·5 cm. longa, integra vel obscure crenata, chartacea, petiolo compresso paullo longiora; nervi utrinque 3. *Scapi* 1–3, 10–25 cm. longi. *Flores* 1–3, in summo scapo umbellati, bracteis 2 lanceolatis vel ovatis 1–1·5 cm. longis suffulti, 2·5 cm. longi; pedicelli graciles, 8–10 mm. longi. *Sepala* 5, oblonga, obtusa, 2 mm. longa, pubescentia. *Corolla* rubra, regulariter anguste infundibuliformis, exterius tenuiter pubescens; lobi ovati, obtusi, tubo duplo breviores. *Stamina* 4, in medio tubo inserta, inclusa, 2 perfecta, 2 ananthera; filamenta glanduloso-pilosa. *Ovarium* dense pubescens.

On damp rocks in woods at Waichau, N.W. River, 31.7. 1890, *Lo Quai.* Herb. Hongk. n. 248.

9.—HEMIBOEA.

1. **H. follicularis,** *Clarke* in Hook. Ic. Pl. sub t. 1798. Lienchow River. Fl. green and dark red, August.

10.—BOEA.

Key to species.

Leaves penninerved	... ...	1. *dictyoneura.*
Leaves palminerved	... ...	2. *hygrometrica.*

1. **B. dictyoneura,** *Hance* in Journ. Bot. 1883, 169. Along the Lienchow River. Fl. ——, June.
2. **B. hygrometrica,** *R.Br.*; DC. Prodr. ix. 271. North River. Fl. blue, June.

11.—LOXOSTIGMA.

1. **L. aureum,** *Dunn* in Journ. Bot. 1907, 403. Shakau, North-west River. Fl. yellow, July.

BIGNONIACEAE.

Key to genera.

1.	Stamens 5	... ...	1. *Oroxylum.*
	Stamens 4	... ...	2.
2.	Flowers 4–5 inches long	... ...	3. *Stereospermum.*
	Flowers 2–3 inches long	... ...	2. *Tecoma.*

1.—OROXYLUM.

1. **O. indicum,** *Vent.*: Clarke in Hook. f. Fl. Brit. Ind. iv. 378. Behind the Buddhist Temple, Causeway Bay, Hongkong; at Hahang, Hongkong New Territory. Fl. purplish, September.

2.—TECOMA.

1. **T. grandiflora,** *Loisel.* Herb. Amat. v. 185. Woods near Canton. Fl. rose, ——.

3.—STEREOSPERMUM.

1. **S. sinicum,** *Hance* in Journ. Bot. 1882, 16. North River. Fl. sulphur-coloured, June.

PEDALINACEAE.

1.—SESAMUM.

1. **S. indicum,** *Linn*; Clarke in Hook. f. Fl. Brit. Ind. iv. 387. In waste places at Sheko, Hongkong; Lekun, Hongkong New Territory; Hoifung; Sanning. Fl. pink and yellow, June—September.

ACANTHACEAE.

Key to genera.

1. Climbing plant	1. *Thunbergia.*
Erect or decumbent herb or shrub ...	2.
2. Corolla lobes contorted in bud ...	3.
Corolla lobes imbricated in bud ...	7.
3. Corolla 2-lipped; stamens 4	3. *Hygrophila.*
Corolla subequally 5-lobed, lobes spreading	4.
4. Ovules 6 or more in each cell; stamens 4	5.
Ovules 2 in each cell; stamens 4 or 2	6.
5. Flowers axillary or paniculate ...	6. *Hemigraphis.*
Flowers in short terminal spikes ...	4. *Ruellia.*
6. Flowers in dense terminal spikes ...	5. *Daedalacanthus.*
Flowers scattered	7. *Strobilanthes.*
7. Corolla lobes 5, nearly equal	8.
Corolla one- or two-lipped	10.
8. Corolla with long tube and spreading lobes	9.
Corolla campanulate, with short tube ...	16.
9. Bracts large spiny	9. *Barleria.*
Bracts inconspicuous	10. *Asystasia.*
10. Corolla expanded into a single large lip	8. *Acanthus.*
Corolla two-lipped	11.
11. Stamens 4; flowers in dense hairy spikes	12. *Lepidagathis.*
Stamens 2	12.

12. Anthers 2-celled ... ... 13.
Anthers 1-celled ; flowers in calyx-like involucres ... ... 17. *Hypoestes.*
13. Anthers cells oblique, lower mucronate or spurred ... ... 15.
Anther cells equal, one much below other ... . 14.
14. Placentae elastic ... ... 16. *Peristrophe.*
Placentae not elastic ... ... 15. *Dicliptera.*
15. Dissepiment separating from valves ; flowers in cylindric or 4-sided spikes 14. *Rungia.*
Dissepiment persistently attached to valves ... ... 13. *Justicia.*
16. Leaves in a basal rosette ... ... 2. *Ebermaiera.*
Leaves scattered, without a basal rosette 11. *Codonacanthus.*

1.—THUNBERGIA.

Key to species.

1. Leaves palmately lobed ... ... 1. *grandiflora.*
Leaves cordate or hastate, entire ... 2.
2. Flowers white ... ... 2. *fragrans.*
Flowers yellow ... ... 3. *alata.*

1. T **grandiflora**, *Roxb.* ; Benth. Fl. Hongk. 260. In a ravine at Chaiwan, Hongkong ; Lantao Island, Kowloon catchwater, and Maönshan, Hongkong New Territory. Fl. blue, July.
2. T. **fragrans**, *Roxb.* ; Clarke in Hook. f. Fl. Brit. Ind. iv. 390. Robinson Road, Hongkong. Fl. pure white, June—September.
3. T. **alata**, *Bojer* ; DC. Prodr. xi. 58. Very common on Mts. Victoria, Kellet and Gough, Hongkong ; Hoifung. Fl. yellow, or yellow with a purple throat, March—October.

2.—EBERMAIERA.

1. E. **concinnula**, *Hance* in Journ. Bot. 1868, 300. Mossy rocks near Saichushan ; by rivulets at Yit-hai, Han valley. Fl. white, April.

3.—HYGROPHILA.

1. H. **salicifolia**, *Nees* ; Benth. Fl. Hongk. 261. Marshes, East Point in a swamp, Little Hongkong and Wanchai, Hongkong ; Lantao Island, Kowloon Catchwater, Hongkong New Territory ; Kwaisin and Hoifung ; common in shallow water on banks of Canton River ; ditches at Whampoa. Fl. light blue, September—February.

4.—RUELLIA.

Key to species.

Flowers about ½ inch long ... .. 1. *repens.*
Flowers about 1½ inches long ... ... 2. *venusta.*

1. **R. repens,** *Linn.*; Benth. Fl. Hongk. 261. At Little Hongkong, Hongkong; Kwangtung without locality. Fl. blue, August.
2. **R. venusta,** *Hance* in Journ. Bot. 1868, 92. Shady woods above the cloister of Filoitz, North River. Fl. blue, August.

5.—DAEDALACANTHUS.

1. **D. nervosus,** *T. Anders.*: Clarke in Hook. f. Fl. Brit. Ind. iv. 418. Shady rocky woods along the West River. Fl. blue, January and February.

6.—HEMIGRAPHIS.

1. **H. chinensis,** *T. Anders.*; *Ruellia chinensis*, Nees in DC. Prodr. xi. 147. Whampoa; near the White Cloud monastery, Canton; Tungkun, E. River delta. Fl. yellow, October.

7.—STROBILANTHES.

Key to species.

1.	Bracts deciduous	5.
	Bracts persistent	2.
2.	Undershrub with leaves white below; stamens 2	1. *apricus.*
	Prostrate or decumbent herb; stamens 4	3.
3.	Flowers 2 inches long, in interrupted spikes	2. *flaccidifolius.*
	Flowers $\frac{3}{4}$ inch long, in short heads or axillary clusters	4.
4.	Sepals fringed	3. *debilis.*
	Sepals not fringed	4. *radicans.*
5.	Leaves glabrous	5. *penstemonoides.*
	Leaves hairy...	6. *dimorphotrichus.*

1. **S. apricus,** *T. Anders.* in Benth. Fl. Hongk. 262. Common on the south side of the island, Hongkong. Fl. blue, November.
2. **S. flaccidifolius,** *Nees* in DC. Prodr. xi. 194. In shady places on Mt. Gough and Mt. Parker, Hongkong; at Fotaumun, Hongkong New Territory; North River. Fl. blue, December.
3. **S. debilis,** *Hemsl.* Enum. Pl. China, ii. 239. Lofoushan. Fl. lilac or purple, April.
4. **S. radicans,** *T. Anders.* in Benth. Fl. Hongk. 262. Mt. Gough and Mt. Victoria, Hongkong; Lienchow River. Fl. ——, November.
5. **S. penstemonoides,** *T. Anders.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 460. Lienchow River. Fl. pale purple, December.
6. **S. dimorphotrichus,** *Hance* in Journ. Bot. 1883, 355. In a damp wood at Fukshanmun on the Lienchow River. Fl. ——, October.

8.—ACANTHUS.

1. **A. ilicifolius**, *Linn.*; Benth. Fl. Hongk. 263. At Taitam Tuk and Little Hongkong in salt marshes, Hongkong; Taipo, Ngchungshan, Tailamchung and elsewhere, Hongkong New Territory; Macao. Fl. blue, January—June.

9.—BARLERIA.

1. **B. cristata**, *Linn.*; Benth. Fl. Hongk. 262. Cape d'Aguilar, Hongkong; Whampoa; Pakhoi. Fl. white, pink or purple, October—December.

10.—ASYSTASIA.

1. **A. violacea**, *Dalz.* ex Clarke in Hook. f. Fl. Brit. Ind. iv. 494. North River. Fl. blue, November.

11.—CODONACANTHUS.

1. **C. pauciflorus**, *Nees*; Benth. Fl. Hongk. 267. In ravines of Mt. Gough and Mt. Victoria, Hongkong; Taimoshan at 2500 ft., Hongkong New Territory; Lanfa Mt., Hoifung. Fl. white, September—November.

12.—LEPIDAGATHIS.

1. **L. hyalina**, *Nees*; Benth. l. c. 263. East Point, Wongneichong, Bowen Road and Chaiwan, Hongkong; Malautong, and Taisuihang, Hongkong New Territory; Macao. Fl. white, February.

13.—JUSTICIA.

Key to species.

1.	Bracts broad, herbaceous	2.
	Bracts narrow	4.
2.	Prostrate hairy herb	1. *Championi.*
	Erect nearly glabrous shrub	3.
3.	Leaves acuminate; spikes axillary ...	2. *Adhatoda.*
	Spikes terminal...	6.
4.	Tall glabrous shrub	5.
	Small hairy herb	4. *procumbens.*
5.	Leaves linear-lanceolate	5. *Gendarussa.*
	Leaves ovate	6. *leptostachya.*
6.	Leaves 4–6 inches long, gradually narrowed into a short stout petiole	3. *ventricosa.*
	Leaves 1–3 inches long, suddenly narrowed into a slender petiole ...	7. *glauca.*

1. **J. Championi**, *T. Anders.* in Benth. Fl. Hongk. 264. In ravines of Mt. Gough and Mt. Victoria, Hongkong; Lofoushan. Fl. ——, August.

2. **J. Adhatoda**, *Linn.*; Benth. l. c. 264. In ravines near Taitam, Hongkong; Macao. Fl. white with purple lines, December—March.

3. **J. ventricosa**, *Wall.*; Benth. l. c. 264. At Wongneichong, Hongkong; West River. Fl. white spotted with red, May.
4. **J. procumbens**, *Linn.*; *Rostellaria procumbens*, Nees; Benth. l. c. 265. Mt. Gough and elsewhere on roadsides and waste places, Hongkong; Lanfa Mt., Hoifung; common weed, Canton. Fl. purple, August—October.
5. **J. Gendarussa**, *Linn. f.*; Benth. l. c. 264. Hongkong without locality; in a ravine above Taipo Road, and at Santin, Hongkong New Territory; Whampoa; Pakhoi. Fl. greenish-white, March.
6. **J. leptostachya**, *Hemsl.* Enum. Pl. China, ii. 245. Lienchow River. Fl. ——, August.
7. **J. glauca**, *Rottb.*; Hook. f. Fl. Brit. Ind. iv. 529. Mangchaihap-han, North River. Fl. ——, August.

14.—RUNGIA.

Key to species.

Bracts obtuse	1. *chinensis*.
Bracts acute	2. *parviflora*.

1. **R. chinensis**, *Benth.* Fl. Hongk. 266. On Mt. Parker, Hongkong; Kwangtung without locality. Fl. ——.
2. **R. parviflora**, *Nees*; Clarke in Hook. f. Fl. Brit. Ind. iv. 550. French Island, Whampoa; Fatshan; White Cloud hills; North River. Fl. blue or whitish, March.

15.—DICLIPTERA.

1. **D. chinensis**, *Nees*; Benth. Fl. Hongk. 266. On roadsides at Wongneichong and Little Hongkong, Hongkong; roadsides at Canton; Macao; Lienchow River. Fl. pale pink, September—January.

16.—PERISTROPHE.

1. **P. tinctoria**, *Nees*; Clarke in Hook. f. Fl. Brit. Ind. iv. 556. Damp shady places, Pakhoi. Fl. rose or purple, ——.

17.—HYPOESTES.

1. **H. purpurea**, *R. Br.*; Benth. Fl. Hongk. 265. Pokfulam, Little Hongkong, Repulse Bay, East Point and Mt. Nicholson, Hongkong; Lantao Island, Hongkong New Territory; Macao; Lienchow River. Fl. purple, November.

MYOPORACEAE.

1.—MYOPORUM.

1. **M. bentioides**, *A. Gray*; *Polycoelium chinense*, A.DC. in DC. Prodr. xi. 706. At Shatin in a saltwater marsh, Hongkong New Territory; on the river bank near Swatow; Pakhoi. Fl. pink, April.

VERBENACEAE.

Key to genera.

1.	Inflorescence spicate or in small contracted capitate cymes	2.
	Inflorescence in paniculate cymes ...	6.
2.	Shrub	3.
	Herb	4.
3.	Leaves glabrous above	11. *Avicennia.*
	Leaves strigose above	1. *Lantana.*
4.	Inflorescence terminal	5.
	Inflorescence axillary	2. *Lippia.*
5.	Flowers on a thick grooved axis ...	3. *Stachytarpheta.*
	Flowers on a slender axis	4. *Verbena.*
6.	Corolla under ½ inch, regular ; stamens equal	11.
	Corolla 2-lipped ; stamens didynamous	7.
7.	Leaves digitate...	8. *Vitex.*
	Leaves simple	8.
8.	Corolla more than ¾ inch long ...	9.
	Corolla less than ½ inch long	10.
9.	Corolla tube funnel-shaped	7. *Gmelina.*
	Corolla tube cylindric	9. *Clerodendron.*
10.	Leaves glabrous	6. *Premna.*
	Leaves pubescent beneath	10. *Caryopteris.*
11.	Inflorescence axillary	5. *Callicarpa.*
	Inflorescence terminal	6. *Premna.*

1.—LANTANA.

Key to species.

Fruit in a round or oblong head ...	1. *Camara.*
Fruit in a linear spike	2. *triflora.*

1. **L. Camara,** *Linn.* ; Benth. Fl. Hongk. 268. Very common in Hongkong, Kowloon, and Hongkong New Territory. Fl. orange-red, purple or white, all the year.
2. **L. triflora,** *Linn.* ; Bot. Mag. t. 1449. Wanchai and on Bowen Road, Hongkong. Fl. pink, ——.

2.—LIPPIA.

1. **L. nodiflora,** *Michx.* ; Clarke in Hook. f. Fl. Brit. Ind. iv. 563. Mt. Kellet, Hongkong ; Kowloon, Hongkong New Territory ; seashore at Swatow. Fl. pinkish-purple to white, July.

3.—STACHYTARPHETA.

1. **S. indica,** *Vahl* ; Clarke l. c. 564. Common on roadsides in Hongkong and Kowloon. Fl. blue, all the year.

4.—VERBENA.

Key to species.

Spikes linear	1. *officinalis.*
Spikes ovate	2. *bonariensis.*

1. **V. officinalis**, *Linn.*; Benth. Fl. Hongk. 268. At Causeway Bay, and on roadsides and waste places, Hongkong; Lantao Island, Hongkong New Territory; Kwaisin, Swatow; Hoifung. Fl. purple, April—September.
2. **V. bonariensis**, *Linn.*; DC. Prodr. xi. 541. Waste places at Kennedy town, Hongkong. Fl. lilac-coloured, July.

5.—CALLICARPA.

Key to species.

1. Calyx 4 fid	1. *tomentosa.*
Calyx truncate or 4-toothed	2.
2. Cymes 3–4 inches long by 3 inches wide	3.
Cymes 2½ inches long or less	5.
3. Calyx glabrous	2. *Reevesii.*
Calyx stellately hairy	4.
4. Leaves serrate, narrowed at both ends	3. *macrophylla.*
Leaves entire, rounded below	4. *integerrima.*
5. Plant subglabrous; leaves acuminate at both ends	6.
Plant hairy, or leaves obtuse at base	7.
6. Leaves small, shortly obtusely acuminate	5. *purpurea.*
Leaves large, gradually acutely acuminate	6. *longifolia.*
7. Leaves attenuate or rarely rounded below	8.
Leaves cordate at base	8. *rubella.*
8. Cymes subsessile	9. *brevipes.*
Peduncles of cymes over one inch long	7. *formosana.*

1. **C. tomentosa**, *Willd.*; Benth. Fl. Hongk. 269. Common in ravines, Hongkong; around Canton. Fl. purple, June.
2. **C. Reevesii**, *Wall.*; Benth. l. c. 270. East Point and Wongneichong Road, Hongkong; Kwangtung various localities. Fl. purple, August.
3. **C. macrophylla**, *Vahl*; Benth. l. c. 270. Hongkong without locality; Taipo Road, Hongkong New Territory. Fl. purple, July.
4. **C. integerrima**, *Champ.*; Benth. l. c. 270. Above Bowen Road and elsewhere, Hongkong. Fl. purple, June.
5. **C. purpurea**, *Juss.*; Schauer in DC. Prodr. xi. 645. On the Fanling-Taipo Road, and near Sanwai, Hongkong New Territory; Hoifung; Lienchow River; North River; Lofoushan. Fl. purple, May—September.
6. **C. longifolia**, *Lam.*; Clarke in Hook. f. Fl. Brit. Ind. iv. 570. Cape d'Aguilar, Hongkong; Hahang, Hongkong New Territory; near Canton; Macao. Fl. purple, pink or white, June.

7. **C. formosana,** *Rolfe* in Journ. Bot. 1882, 358. Taipo, Hongkong New Territory; near Chaochaufu. Fl. purple, April.
8. **C. rubella,** *Lindl.*; Benth. Fl. Hongk. 271. At Chaiwan, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; hedges near Chaochaufu; Sanning; Lienchow River. Fl. purple, May—August.
9. **C. brevipes,** *Hance* in Ann. Sci. Nat. sér. 5. v. 233. Happy Valley, Hongkong; Lantao, Hongkong New Territory; foot of Phoenix Mountain, Swatow. Fl. ——, June.

6.—PREMNA.

Key to species.

Leaves glabrous ... ... 1. *integrifolia.*
Leaves tomentose beneath ... ... 2. *Fordii.*

1. **P. integrifolia,** *Linn.*; *P. serratifolia*, Linn.; Benth. Fl. Hongk. 269. Taitam Tuk, Shaukiwan, and elsewhere, Hongkong; low ground near Maönshan, and between Taipo and Fanling, Hongkong New Territory; Macao. Fl. greenish-yellow, June.
2. **P. Fordii,** *Dunn* sp. n., a speciebus affinibus foliis cordatis
2142 remota.

Frutex erectus, ramulis hornotinis velutinis, cortice tandem glabro. *Folia* opposita, cordato-ovata, acuminata, apice obtusa, apiculata, 4–5·5 cm. longa, integra, papyracea, supra tenuiter, infra molliter hirsuta; venae 4-pares, obscurae; petioli 4 8mm. longi. *Paniculae* angustae, terminales; ramuli cymosi, nonnunquam in racemulos densos elongati, bracteati. *Flores* albi flavique, 3mm. longi. *Calyx* 1mm. longus, pubescens, in 5 dentes triangulares obtusos tubo duplo breviores lobatus. *Corolla* fere cylindrica, in lobos 4, superiores tubo 8-plo breviores divisa, lobo inferiore ceteris bis longiore. *Stamina* 4, in medio tubo affixa, inferiora longiora. *Ovarium* biloculare, loculis biovulatis, stylo paullo exserto bifido. *Drupae* pyrena bilocularis.

N.W. River, July 1890, *Ford* n. 250. Fl. white and yellow, July.

7.—GMELINA.

Key to species.

1. Calyx truncate ... ... 1. *chinensis.*
   Calyx with broad triangular teeth ... 2.
2. Calyx $\frac{1}{4}$ inch long ... ... 3. *arborea.*
   Calyx $\frac{3}{4}$ inch long ... ... 2. *hainanensis.*

1. **G. chinensis,** *Benth.* Fl. Hongk. 272. Hongkong without locality; Lantao Island, Hongkong New Territory. Fl. yellow, June.
2. **G. hainanensis,** *Oliver* in Hook. Ic. Pl. sub t. 1874. S. Kwangtung? Fl. purple with white edge, ——.
3. **G. arborea,** *Linn.*; Hook. f. Fl. Brit. Ind. iv. 581. Sanning. Fl. yellow, August.

8.—VITEX.

Key to species.

1. Calyx truncate, denticulate	2.
Calyx acutely dentate or lobed ...	4.
2. Leaves tomentose beneath	1. *trifolia.*
Leaves glabrous or pubescent beneath	3.
3. Fruit $\frac{1}{5}$ inch long	2. *heterophylla.*
Fruit $\frac{2}{5}$ inch long	3. *urceolata.*
4. Plants tomentose or densely pubescent	5.
Plants glabrous	4. *Sampsoni.*
5. Leaflets large, entire or coarsely toothed	5. *Negundo.*
Leaflets small, deeply cut	6. *incisa.*

1. **V. trifolia**, *Linn.*; Benth. Fl. Hongk. 273. Common on the sandy shores of Repulse Bay, Deepwater Bay, Chaiwan, and elsewhere, Hongkong; Lantao Island, Hongkong New Territory; Macao; near Solinkun at 900ft.; Lofoushan. Fl. blue, July.
2. **V. heterophylla**, *Roxb.*; *V. Loureiri*, Hook. et Arn.; Benth. Fl. Hongk. 273. Mt. Gough and Mt. Kellet, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; Canton; Lofoushan. Fl. yellowish-white, July.
3. **V. urceolata**, *Clarke* in Hook. f. Fl. Brit. Ind. iv. 585. Lienchow River. Fl. yellow, August.
4. **V. Sampsoni**, *Hance* in Journ. Bot. 1868, 115. Hedges and bushy places, Swatow; Tingushan; Molum on the West River. Fl. blue, May—September.
5. **V. Negundo**, *Linn.*; Benth. Fl. Hongk. 273. Wongneichong, Hongkong; Lantao Island, Taimoshan, and near Lowu, Hongkong New Territory; river bank near Chaochaufu, Swatow. Fl. lavender-coloured, March—July.

9.—CLERODENDRON.

Key to species.

1. Inflorescence axillary	2.
Panicles terminal	3.
2. Calyx truncate, scarcely toothed ...	1. *inerme.*
Calyx acutely 5-fid	2. *fortunatum.*
3. Panicles compact	4.
Panicles lax	5.
4. Calyx teeth subulate	4. *fragrans.*
Calyx teeth ovate, acuminate	5. *canescens.*
5. Flowers scarlet; leaves with peltate scales	6. *squamatum.*
Flowers whitish; leaves scaleless ...	3 *cyrtophyllum.*

1. **C. inerme**, *Gaertn.*; Benth. Fl. Hongk. 271. Common near the sea at Aberdeen and elsewhere, Hongkong; Plovers' Cove, Hongkong New Territory; Wuling near Chaochaufu, Swatow; North River. Fl. white, May.

2. **C. fortunatum,** *Linn.*; *C. lividum*, Lindl.; Benth. l. c. 272. In the Happy Valley, above Wanchai Gap, and elsewhere, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; Whampoa. Fl. white, June.
3. **C. cyrtophyllum,** *Turcz.*; Maxim. in Mél. Biol. xii. 520. Lantao Island, Hongkong New Territory; St. John's Island; Pakhoi. Fl. white, July—October.
4. **C. fragrans,** *Vent.*; Bot. Mag. t. 1834. Naturalised in Hongkong; at Hahang, Hongkong New Territory; Swatow; Hoifung; Lienchow River; Lofoushan. Fl. pale rose, April—December.
5. **C. canescens,** *Wall.*; Benth. Fl. Hongk. 272. On Mt. Victoria and other places, Hongkong; Lantao Island, Hongkong New Territory; on the bank of the Han River, Swatow; about the town of Saiheung; Macao. Fl. white, May.
6. **C. squamatum,** *Vahl*; Hook. f. Fl. Brit. Ind. iv. 593. Naturalised in Hongkong. Fl. scarlet, May.

10.—CARYOPTERIS.

1. **C. Mastacanthus,** *Schauer*; Benth. Fl. Hongk. 268. In ravines of Mt. Nicholson, on Victoria Peak, and Mt. Gough, Hongkong; Kuntong, Hongkong New Territory; Hoifung; Pakhoi; Lienchow River. Fl. pale lavender, October.

11.—AVICENNIA.

1. **A. officinalis,** *Linn.*; Clarke in Hook f. Fl. Brit. Ind. iv. 604. In a saltwater swamp at Little Hongkong, Hongkong; Cape Syngmoon (Capsuimun), Hongkong New Territory. Fl. yellow, July.

LABIATAE.

1.	Flowers minute, densely packed in slender spikes	2.
	Flowers not in dense slender spikes ...	4.
2.	Flowers two-lipped	8. *Pogostemum.*
	Flowers with equal lobes	9. *Dysophylla.*
3.	Anther cells distant	16. *Salvia.*
	Anther cells contiguous	5.
4.	Stamens 2	3.
	Stamens 4	27.
5.	Leaves dentate	11. *Mosla.*
	Leaves serrate: flowers in dense axillary whorls	13. *Lycopus.*
6.	Upper corolla lobe flat	7.
	Upper corolla lobe hooded	20.
7.	Stamens in pairs	8.
	Stamens exserted, declinate into lower lip	14.
8.	Upper pair of stamens longer	9.
	Stamens equal or lower pair longer ...	10.

9.	Inflorescence dense, spikelike	17. *Lophanthus.*
	Flowers lax	18. *Nepeta.*
10.	Calyx in fruit bilabiate	11.
	Calyx teeth equal	12.
11.	Calyx 13-nerved	15. *Calamintha*
	Calyx 10-nerved	10. *Perilla.*
12.	Inflorescence axillary	12. *Mentha.*
	Inflorescence terminal	13.
13.	Inflorescence cymose	14. *Origanum.*
	Inflorescence spicate	21. *Anisomeles*
14.	Lower lip of corolla flat	15.
	Lower lip of corolla concave or boat-shaped	19.
15.	Fruiting calyx with large flat upper lobe	16.
	Fruiting calyx with equal teeth; inflorescence paniculate	5. *Moschosma.*
16.	Fruit deflexed	17.
	Fruit declinate or erect	18.
17.	Corolla tube elongate, exserted ...	4. *Orthosiphon.*
	Corolla tube short	1. *Ocimum.*
18.	Upper filaments appendaged	3. *Mesona.*
	Upper filaments naked...	2. *Geniospermum.*
19.	Lower corolla lip stipitate, abruptly deflexed	7. *Hyptis.*
	Lower corolla lip continuous	6. *Plectranthus.*
20.	Nut fleshy	27. *Gomphostemma.*
	Nut dry	21.
21.	Calyx bipartite...	19. *Scutellaria.*
	Calyx tubular	22.
22.	Calyx 10-toothed	25. *Leucas.*
	Calyx 5-toothed	23.
23.	Inflorescence cymose	20. *Microtaena.*
	Inflorescence whorled	24.
24.	Leaves pinnatifid	23. *Leonurus.*
	Leaves toothed	25.
25.	Whorls all axillary	26. *Phlomis.*
	Whorls terminal	26.
26.	Nuts rounded at top	22. *Stachys.*
	Nuts truncate, angled	24. *Lamium.*
27.	Lower lip of corolla much longer than upper	28.
	Lower lip of corolla equal to or shorter than upper	6.
28.	Upper lip wanting	28. *Teucrium.*
	Upper lip short bifid	29. *Ajuga.*

1.—OCIMUM.

1. O. **Basilicum**, *Linn.*; Hook. f. Fl. Brit. Ind. iv. 608. Cultivated near Canton. Fl. white, pink or purplish, September.

2.—GENIOSPERMUM.

1. **G. holochilum,** *Hance* in Journ. Bot. 1879, 13. Pakhoi. Fl. ——, November.

3.—MESONA.

Key to species.

1.	Upper calyx lip 3-toothed	2.
	Upper calyx lip entire...	2. *prunelloides.*
2.	Stems procumbent	3. *procumbens.*
	Stems erect	1. *chinensis.*

1. **M. chinensis,** *Benth.* Fl. Hongk. 274. At Chaiwan, Hongkong. Fl. ——.
2. **M. prunelloides,** *Hemsl.* Enum. Pl. China, ii. 267. Pakhoi. Fl. ——.
3. **M. procumbens,** *Hemsl.* in Ann. Bot. ix. 155. Malautong, Hongkong New Territory; foot of Phoenix Mt., Swatow. Fl. pink, April.

4.—ORTHOSIPHON.

1. **O. sinensis,** *Hemsl.* l. c. 268. West River. Fl. orange-coloured, September.

5.—MOSCHOSMA.

1. **M. polystachyum,** *Benth.*; Hook. f. Fl. Brit. Ind. iv. 612. Cape Syngmoon (Capsuimun), Hongkong New Territory. Fl. flesh-coloured, ——.

6.—PLECTRANTHUS.

Key to species.

1.	Leaves whorled in threes	1. *ternifolius.*
	Leaves opposite	2.
2.	Calyx teeth equal	4.
	Calyx bilabiate	3.
3.	Racemes simple...	2. *marmoritis.*
	Cymes paniculate	3. *Tatei.*
4.	Leaves fleshy, cordate-rotund... ...	4. *carnosifolius.*
	Leaves acute or acuminate	5.
5.	Corolla tube straight	6.
	Corolla tube abruptly deflexed ...	7.
6.	Calyx hispid	5. *striatus.*
	Calyx glabrous or pubescent	6. *Gerardianus.*
7.	Leaves glandular	7. *sinensis.*
	Leaves nearly eglandular	8.
8.	Calyx erect in fruit	8. *amethystoides.*
	Calyx declinate in fruit	9. *nervosus.*

1. **P. ternifolius**, *D. Don*; Hook. f. Fl. Brit. Ind. iv. 621. Open grassy uplands, Taipo Road, Taimoshan and Patsin, Hongkong New Territory. Fl. white with pink spots at base of upper lip, October—January.
2. **P. marmoritis**, *Hance* in Journ. Bot. 1874, 53. On marble rocks of the "Seven Sisters" on the West River. Fl. rose-coloured, July.
3. **P. Tatei**, *Hemsl.* Enum. Pl. China, ii. 274. Lienchow River; Wongyu in waste ground. Fl. ——, December.
4. **P. carnosifolius**, *Hemsl.* l. c. 270. On the North River. Fl. whitish-purple, September.
5. **P. striatus**, *Benth.*; Hook. f. Fl. Brit. Ind. iv. 618. Lantao Island, Hongkong New Territory; Lofoushan at 3000 ft. Fl. rose, August—October.
6. **P. Gerardianus**, *Benth.*; Hook. f. l. c. 617. Along the Lienchow River. Fl. white, October.
7. **P. sinensis**, *Miq.* in Journ. de Bot. Néerl. i. 115. Faythong. Fl. ——.
8. **P. amethystoides**, *Benth.* in DC. Prodr. xii. 61. Near Fanling, Hongkong New Territory; low hills around Canton. Fl. slate-blue, October.
9. **P. nervosus**, *Hemsl.* Enum. Pl. China, ii. 272. Lienchow River; North River. Fl. blue, November.

7.—HYPTIS.

1. **H. suaveolens**, *Poit.* in Ann. Mus. Par. vii. t. 29. Deepwater Bay, Hongkong; Unui village, Hongkong New Territory; stream near Chaochaufu. Fl. blue, April.

8.—POGOSTEMON.

1. **P. Championi**, *Prain* in Kew Bull. 1908, 254. Mt. Parker, Hongkong; Lantao Island, Hongkong New Territory. Fl. pale purple, August.

9.—DYSOPHYLLA.

Key to species.

1.	Leaves 4–10 in a whorl	2. *verticillata.*
	Leaves 2–3 (rarely 4) in a whorl ...	2.
2.	Plant glabrous	3. *Sampsoni.*
	Plant hairy	1. *auricularia.*

1. **D. auricularia**, *Blume*; Benth. Fl. Hongk. 275. At Taitam Tuk, Hongkong; Hahang and near Sanwai, Hongkong New Territory; Macao; Pakhoi. Fl. pink, September.
2. **D. verticillata**, *Benth.*; Hook. f. Fl. Brit. Ind. iv. 639. Hoifung; around Canton and on the road to the White Cloud hills; Lienchow River. Fl. blue, October—December.
3. **D. Sampsoni**, *Hance* in Ann. Sc. Nat. sér. 5, v. 234. In damp places around Canton. Fl. pink, November.

10.—PERILLA.

Key to species.

Leaves crenate-serrate	1. *ocymoides.*
Leaves fimbriate and crisped ...	2. *nankinensis.*

1. **P. ocymoides,** *Linn.*; Hook. f. Fl. Brit. Ind. iv. 646. Pokfulam, Hongkong; Lantao Island, Hongkong New Territory; Swatow; in the park of the British Consular Yamen, Canton; Macao; Lienchow River. Fl. white, September.
2. **P. nankinensis,** *Decne.*; *P. arguta*, Benth. Fl. Hongk. 276. Hongkong without locality; Kwangtung without locality. Fl. ——, April to September.

11.—MOSLA.

Key to species.

1.	Upper lip of calyx obtusely dentate	1. *dianthera.*
	Upper lip of calyx very acutely toothed	2.
2.	Leaves linear	2. *Fordii.*
	Leaves lanceolate	3. *lanceolata.*

1. **M. dianthera,** *Maxim.*; Hook. f. Fl. Brit. Ind. iv. 647. Kwaisin at 2500 ft., Hoifung; Lienchow River; Lofoushan at 3100 ft. Fl. purple, August.
2. **M. Fordii,** *Maxim.* in Mél. Biol. ix. 434. Lofoushan at 3100 ft. and other localities. Fl. ——, August.
3. **M. lanceolata,** *Maxim.*; *Perilla lanceolata*, Benth. Fl. Hongk. 276. In waste places, Hongkong; at Malautong, Hongkong New Territory; fields near Chaochaufu; Whampoa; North River. Fl. pink, April—August.

12.—MENTHA.

1. **M. arvensis,** *Linn.*; Benth. Fl. Hongk. 276. In ditches at Chaiwan, Hongkong; near Sanwai, Hongkong New Territory; Kwaisin, Hoifung; Canton. Fl. pale pink, September.

13.—LYCOPUS.

1. **L. europaeus,** *Linn.*; Hook. f. Fl. Brit. Ind. iv. 648. Kwaisin, Hoifung. Fl. bluish-white, September.

14.—ORIGANUM.

1. **O. vulgare,** *Linn.*; Hook. f. l.c. 648. Kwangtung without locality. Fl. purple, July to August.

15.—CALAMINTHA.

Key to species.

1.	Bracts lanceolate	1. *gracilis.*
	Bracts setaceous or minute	2.

2. Bracts minute ... ... 2. *confinis.*
Bracts setaceous, branched ... .. 3. *chinensis.*

1. **C. gracilis,** *Benth.* in DC. Prodr. xii. 232. Common on roadsides in the Peak district, Hongkong; river bank near Chaochaufu; White Cloud hills, Canton. Fl. white, April.
2. **C. confinis,** *Hance* in Journ. Bot. 1868, 331. Swatow district; Saichushan, near Canton. Fl. rose-coloured, April.
3. **C. chinensis,** *Benth.* in DC. Prodr. xii. 233. Fallow fields along the North River. Fl. rose-purple, July.

16.—SALVIA.

Key to species.

1. Leaves ovate ... ... 1. *plebeia.*
Leaves cordate or pinnate ... ... 2.
2. Leaves ovate-oblong, obtuse, nerves pilose beneath ... ... 2. *Prionitis.*
Leaves cordate or pinnate usually acuminate and nearly glabrous ... 3. *japonica.*

1. **S. plebeia,** *R. Br.*: Benth. Fl. Hongk. 277. Hongkong without locality; Pengchau Island, Hongkong New Territory; Swatow district; Canton; West River. Fl. blue, April December.
2. **S. Prionitis,** *Hance* in Journ. Bot. 1870, 74. Whampoa. Fl. violet, May.
3. **S. japonica,** *Thunb.*; *S. Fortunei,* Benth. Fl. Hongk. 277. In ravines on Mt. Kellet and Mt. Nicholson, Hongkong; Lantao Island, Hongkong New Territory; Kwaisin, Hoifung: Lofoushan. Fl. white or purple, July–September.

17.—LOPHANTHUS.

1. **L. rugosus,** *Fisch. et Mey.*; Benth. in DC. Prodr. xii. 369. Lofoushan. Fl. blue, August.

18.—NEPETA.

Key to species.

Leaves cordate, acute ... ... 1. *Fordii.*
Leaves reniform ... ... 2. *Glechoma.*

1. **N. Fordii,** *Hemsl.* Enum. Pl. China, ii. 289. Lienchow River. Fl. blue, August-December.
2. **N. Glechoma,** *Benth.* Fl. Hongk. 277. At Sheko, Hongkong. Fl. blue, April.

19.—SCUTELLARIA.

Key to species.

1. Upper leaves long-stalked ... ... 4.
Upper leaves sessile or short-stalked ... 2.
2. Upper leaves sessile ... ... 1. *rivularis.*
Upper leaves short-stalked ... ... 3.

3. Leaves sub-entire ... ... 2. *stenosiphon.*
   Leaves coarsely crenate ... ... 5. *leucodasys.*
4. Leaves cuneate at base ... ... 3. *formosana.*
   Leaves obtuse or cordate at base ... 4. *indica.*

1. **S. rivularis,** *Wall.* : Hook. f. Fl. Brit. Ind. iv. 670. Fields near Swatow ; Macao ; Lienchow River : Saichushan nr. Canton. Fl. blue, March—December.
2. **S. stenosiphon,** *Hemsl.* Enum. Pl. China, ii. 287. Lofoushan. Fl. lilac, July.
3. **S. formosana,** *N.E. Brown* in Gard. Chron. 1894, ii. 212. Lantao Island, Hongkong New Territory. Fl. bluish, October—December.
4. **S. indica,** *Linn.* : Benth. Fl. Hongk. 278. Common on the tops of hills, Hongkong : Lantao Island and Taimoshan, Hongkong New Territory : Swatow district ; White Cloud hills, Canton ; Lienchow River. Fl. blue, March.
5. **S. leucodasys,** *Miq.* in Journ. de Bot. Néerl. i. 116. Pukak. Fl. ——.

20.—MICROTAENA.

1. **M. cymosa,** *Prain* : *Plectranthus Patchouli,* Clarke in Hook. f. Fl. Brit. Ind. iv. 624. Shuikwan River. Fl. yellow, November.

21.—ANISOMELES.

1. **A. ovata,** *R. Br.* ; Benth. Fl. Hongk. 278. In damp ground at Pokfulam, Hongkong : Plovers' Cove, Hongkong New Territory : Hoifung. Fl. purplish, October.

22.—STACHYS.

1. **S. aspera,** *Michx.* ; DC. Prodr. xii. 471. West River. Fl. pink, May.

23.—LEONURUS.

1. **L. sibiricus,** *Linn.* ; Hook. f. Fl. Brit. Ind. iv. 678. Wongneichong and Aberdeen, Hongkong; Plovers' Cove, Hongkong New Territory ; Lienchow River. Fl. purple, July—December.

24.—LAMIUM.

1. **L. chinenses,** *Benth.* in DC. Prodr. xii. 512. Tingushan on the West River. Fl. white, May.

25.—LEUCAS.

Key to species.

1. Leaves ovate ... ... 1. *mollissima.*
   Leaves linear ... ... 2.
2. Plant pubescent or hispid ... ... 2. *zeylanica.*
   Plant glabrous or scabrous ... ... 3. *linifolia.*

1. L. mollissima, *Wall.*; Benth. Fl. Hongk. 279. At Aberdeen and roadsides, Hongkong; Kowloon and Cheungchau Island, Hongkong New Territory; hill near Chaochaufu. Fl. white, August—November.
2. L. zeylanica, *R. Br.*; Hook. f. Fl. Brit. Ind. iv. 689. At Chaiwan, Hongkong; on the bank of the Han River, Chaochaufu. Fl. white, April—December.
3. L. linifolia, *Spreng.*; Hook. f. l.c. 690. Sandy shores of Chaiwan Bay, Hongkong. Fl. white, July.

26.—PHLOMIS.

1. P. rugosa, *Benth.*; DC. Prodr. xii. 545. On the west of Mt. Parker, Hongkong; Lienchow River. Fl. yellowish, December—February.

27.—GOMPHOSTEMMA.

1. G. chinense, *Oliver* in Hook. Ic. Pl. t. 1468. Northwest River; Lofoushan. Fl. white, August.

28.—TEUCRIUM.

Key to species.

Leaves finely serrate	1. *quadrifarium*.
Leaves deeply crenate or serrate ...	2. *stoloniferum*.

1. T. quadrifarium, *Ham.*; Benth. Fl. Hongk. 280. Victoria Peak and elsewhere, Hongkong. Fl. white, July.
2. T. stoloniferum, *Roxb.*; Benth. l. c. 279. Victoria Peak and in waste places, Hongkong; Lofoushan. Fl. pink, July.

29.—AJUGA.

Key to species.

Corolla tube gibbous above at base ...	1. *decumbens*.
Corolla tube cylindric	2. *genevensis*.

1. A. decumbens, *Thunb.*; DC. Prodr. xii. 598. Happy Valley, Hongkong; Chaochaufu and Hoifung. Fl. white, April—September.
2. A. genevensis, *Linn.*; DC. l. c. 596. Little Hongkong and Shaukiwan, Hongkong; common weed on old walls and brick rubbish, Canton. Fl. bluish, rose or white, April.

PLANTAGINACEAE.

1.—PLANTAGO.

Key to species.

Spikes short, compact	1. *lanceolata*.
Spikes long, loose below	2. *major*.

1. P. lanceolata, *Linn.*; Hook. f. Fl. Brit. Ind. iv. 706. Victoria Gap and Plunket's Gap Hongkong. Fl. green, May.

2. P. major, *Linn.*: Benth. Fl. Hongk. 280. Common in waste places, Hongkong: Swatow: Kwaisin. Hoifung. Fl. green, September.

NYCTAGINACEAE.

1.—BOERHAAVIA.

1. B. repens, *Linn.*: Hook. f. Fl. Brit. Ind. iv. 709. Hongkong without locality: Lantao Island, Hongkong New Territory; abundant on the city walls, Canton; Pakhoi. Fl. red, June.

AMARANTACEAE.

Key to genera.

1.	Leaves alternate	2.
	Leaves opposite	3.
2.	Larger leaves less than twice the length of the petiole	3. *Amarantus.*
	Leaves all more than twice the length of the petiole	4.
3.	Flowers abruptly deflexed, with spiny bracteoles	6. *Achyranthes.*
	Flowers not deflexed	6.
4.	Spikes cylindric or over ½ inch thick...	5.
	Spikes globose	2. *Allmania.*
5.	Spikes over ½ inch thick, glabrous ...	1. *Celosia.*
	Spikes ¼ inch thick, woolly	5. *Aerua.*
6.	Flowers in sessile clusters	7. *Alternanthera.*
	Flowers in racemose spikes	4. *Cyathula.*

1.—CELOSIA.

1. C. argentea, *Linn.*: Benth. Fl. Hongk. 284. At Stanley in waste places, Hongkong; Kowloon, Hongkong New Territory; Hoifung; Lienchow River. Fl. white, November.

2.—ALLMANIA.

1. A. nodiflora, *R. Br.*: Hook. f. Fl. Brit. Ind. iv. 716. Pakhoi. Fl. white, ——.

3.—AMARANTUS.

Key to species.

1.	Sepals 2 or 3	1. *spinosus.*
	Sepals 5	2.
2.	Bracts equal to sepals or longer ...	2. *mangostanus.*
	Bracts mostly shorter than sepals ...	3.
3.	Sepals ovate-oblong	3. *viridis.*
	Sepals linear-lanceolate	4. *Blitum.*

1. A. **spinosus**, *Linn.*: Benth. Fl. Hongk. 284. A common roadside weed in Hongkong: Lantao Island, Hongkong New Territory; fields near Swatow: Macao. Fl. pink, April—August.
2. A. **mangostanus**, *Linn.*; Hook. f. Fl. Brit. Ind. iv. 720. At Wuling near Chaochaufu. Fl. white, April.
3. A. **viridis**, *Linn.*; Benth. Fl. Hongk. 284. A common weed in Hongkong; Canton. Fl. greenish, August.
4. A. **Blitum**, *Linn.*; Hook. f. Fl. Brit. Ind. iv. 721. At Wuling Village, near Chaochaufu. Fl. greenish, April.

4.—CYATHULA.

1. C. **prostrata**, *Blume*; Benth. Fl. Hongk. 285. Little Hongkong, East Point, and under trees in the Botanic Gardens, Hongkong; Lofoushan. Fl. green, October.

5.—AERUA.

1. A. **scandens**, *Wall.*: Hook. f. Fl. Brit. Ind. iv. 727. Lienchow River; near the village of Saimam on the North River. Fl. white, December.

6.—ACHYRANTHES.

Key to species.

Bracteoles ovate, mucronate	... ...	1. *aspera*.
Bracteoles acicular	... ...	2. *bidentata*.

1. A. **aspera**, *Linn.*: Benth. Fl. Hongk. 285. Common in waste places, Hongkong: Pakhoi and elsewhere in Kwangtung. Fl. green, October.
2. A. **bidentata**, *Blume*; Hook. f. Fl. Brit. Ind. iv. 730. Hill near Chaochaufu. Fl. greenish, April.

7.—ALTERNANTHERA.

Key to species.

Sepals thin and hyaline, glistening	...	1. *nodiflora*.
Sepals firm, rigid	... ...	2. *sessilis*.

1. A. **nodiflora**, *R. Br.*: Hook. f. Fl. Brit. Ind. iv. 732. Swatow district; Cape Syngmoon, (Capsuimun), Hongkong New Territory. Fl. white, ——.
2. A. **sessilis**, *R. Br.*: Benth. Fl. Hongk. 286. On roadsides and waste places, Hongkong: river bank near Chaochaufu. Fl. white, August.

CHENOPODIACEAE.

Key to genera.

1.	Stems climbing	3. *Basella*.
	Stems erect or prostrate	2.
2.	Leaves cylindric or stem shrubby ...	2. *Suaeda*.
	Leaves flat; stem herbaceous... ..	1. *Chenopodium*.

1.—CHENOPODIUM.

Key to species.

1.	Plant glandular	1. *ambrosioides.*
	Plant eglandular	2.
2.	Lower leaves entire	2. *acuminatum.*
	Lower leaves toothed	3.
3.	Leaves 3-lobed, middle lobe oblong ...	3. *ficifolium.*
	Leaves triangular	4. *album.*

1. **C. ambrosioides,** *Linn.*; Hook. f. Fl. Brit. Ind. v. 4. A common roadside weed in Hongkong: Kowloon, Hongkong New Territory. Fl. green, July.
2. **C. acuminatum,** *Willd.*; Benth. Fl. Hongk. 282. In waste places, Hongkong: Lantao Island, Hongkong New Territory; Swatow district: Macao; Pakhoi. Fl. green, June.
3. **C. ficifolium,** *Smith*; DC. Prodr. xiii. II. 65. Hahang. Hongkong New Territory: Macao. Fl. green, January.
4. **C. album,** *Linn.*; Benth. Fl. Hongk. 282. In waste places, Hongkong; Swatow district; an abundant weed in cultivated ground, Canton. Fl. green, April.

2.—SUAEDA.

Key to species.

Shrub	1. *monoica.*
Herb	2. *australis.*

1. **S. monoica,** *Forsk.*; Hook. f. Fl. Brit. Ind. v. 13. Lantao Island, Hongkong New Territory; Pakhoi. Fl. green, October.
2. **S. australis,** *Moq.*; Benth. Fl. Hongk. 283. In salt marshes, Hongkong; Plovers' Cove, Hongkong New Territory. Fl. green, December.

3.—BASELLA.

1. **B. rubra,** *Linn.*; Benth. Fl. Hongk. 283. On the sides of a pond (since filled in) in the Happy Valley, Hongkong: Pakhoi. Fl. pale red, March to October.

POLYGONACEAE.

Key to genera.

Fruiting perianth segments 6, unequal	2. *Rumex.*
Perianth segments 5, equal	1. *Polygonum.*

1.—POLYGONUM.

Key to species.

1.	Leaves cuneate from a lanceolate or ovate blade	2.

	Leaves truncate, cordate, or abruptly rounded at base	13.
2.	Flowers axillary	1. *plebeium.*
	Flowers in racemes or stalked heads ...	3.
3.	Flowers in racemes	6.
	Flowers in heads	4.
4.	Petioles winged or none	5.
	Petioles cylindric	2. *chinense.*
5.	Petioles winged	3. *alatum.*
	Petioles none	4. *criopolitanum.*
6.	Stem clothed with soft spreading hairs	5. *viscosum.*
	Stem glabrous, strigose or adpressed pubescent	7.
7.	Stipules fringed	9.
	Stipules eciliate	8.
8.	Leaves cottony beneath	6. *lanigerum.*
	Leaves glabrous	7. *glabrum.*
9.	Leaves elliptic, obtuse...	8. *tinctorium.*
	Leaves lanceolate or linear, acute ...	24.
10.	Racemes dense	9. *lapathifolium.*
	Racemes lax	27.
11.	Leaves gradually narrowed at the base	10. *serrulatum.*
	Leaves subobtuse at the base	12.
12.	Leaves adpressed villous	11. *stagninum.*
	Leaves glabrous with margin and nerves scabrid	12. *barbatum.*
13.	Achenes winged	32.
	Achenes wingless	14.
14.	Flowers capitate	15.
	Flowers racemose or cymose	22.
15.	Stems smooth	16.
	Stems with reflexed prickles	17.
16.	Stipules ciliate	13. *pedunculare.*
	Stipules without ciliae	2. *chinense.*
17.	Stipules foliaceous, not tubular ...	18.
	Stipules tubular, scarious	19.
18.	Leaves peltate	14. *perfoliatum.*
	Leaves not peltate	15. *senticosum.*
19.	Lower lobes of leaf rounded	20.
	Lower lobes of leaf acute	16. *sagittatum.*
20.	Leaf margin minutely scabrous ...	21.
	Leaf margin retrorsely prickly ...	17. *strigosum.*
21.	Achene obscurely trigonous	18. *Bodinieri.*
	Achene orbicular biconvex	12. *pedunculare.*
22.	Flowers cymose	19. *Fagopyrum.*
	Flowers racemose	23.
23.	Petioles equal to the stipule	20. *virginianum.*
	Petioles many times exceeding the stipule	21. *orientale.*
24.	Peduncles glandular	10.
	Peduncles eglandular	25.
25.	Racemes dense, continuous	26.
	Racemes lax, interrupted	28.

26.	Stipules glabrous	22. *jucundum.*
	Stipules hairy	11.
27.	Leaves gradually narrowed at the base	23. *flaccidum.*
	Leaves shortly narrowed at the base...	24. *Hydropiper.*
28.	Achenes lenticular	29.
	Achenes trigonous	31.
29.	Leaves round or shortly acuminate at the base	20. *virginianum.*
	Leaves gradually attenuate at the base	30.
30.	Achenes 2 lines long	25. *japonicum.*
	Achenes 1 line long	26. *minus.*
31.	Leaves obtuse at the base	10. *serrulatum.*
	Leaves attenuate at the base	27. *Posumbu.*
32.	Climbing plant	28. *multiflorum.*
	Erect plant	29. *sachalinense.*

1. **P. plebeium,** *R. Br.*; Benth. Fl. Hongk. 287. In cultivated and waste places, Hongkong; Kwaichong, Hongkong New Territory; Swatow district; Pakhoi; North River. Fl. green, December—March.

2. **P. chinense,** *Linn.*; Benth. l. c. 289. Taihang, Taitam Tuk and Victoria Peak, Hongkong; Taimoshan at 1500 ft., and Castle Peak, Hongkong New Territory; Swatow district; Kwaisin, Hoifung; common in damp waste places, Canton. Fl. white, September.

3. **P. alatum,** *Ham.*; Hook. f. Fl. Brit. Ind. v. 41. Lanfa Mt., Hoifung. Fl. white, September.

4. **P. criopolitanum,** *Hance* in Ann. Sc. Nat. sér. 5, v. 238. Near Chaochaufu; open waste places around Canton; along the West River. Fl. pink? April.

5. **P. viscosum,** *Ham.*; Benth. Fl. Hongk. 287. Hongkong without locality; fields near Chaochaufu; weed in cultivated ground, Canton. Fl. pink, April.

6. **P. lanigerum,** *R. Br.*; Hook. f. Fl. Brit. Ind. v. 35. River bank near Swatow; Pakhoi. Fl. white, April.

7. **P. glabrum,** *Willd.*; Benth. Fl. Hongk. 288. Hongkong without locality; Swatow district; garden weed, Canton. Fl. white or rose, November.

8. **P. tinctorium,** *Lour.*; DC. Prodr. xiv. 102. At Chaiwan, Hongkong; roadsides at Suheang, near Hongkong, on the Canton River. Fl. pink, July.

9. **P. lapathifolium,** *Linn.*; Benth. Fl. Hongk. 288. Hongkong without locality; near Chaochaufu; weed in cultivated ground, Canton; Macao and islands near. Fl. white, March.

10. **P. serrulatum,** *Lagasca*; Hook. f. Fl. Brit. Ind. v. 38. Mt. Gough, Hongkong; near Chaochaufu; Kwaisin, Hoifung. Fl. white or rosy, September—April.

11. **P. stagninum,** *Ham.*; Hook. f. l. c. 37. Quarry Bay, Hongkong; near Sanwai, Hongkong New Territory; Hoifung; edges of pools, Canton. Fl. white, September.

12. **P. barbatum,** *Linn.*; Benth. Fl. Hongk. 288. Wongneichong, and Mt. Gough, Hongkong; Pakhoi; Lienchow River. Fl. white, July—October.

13. P. pedunculare, *Wall.*; Hook. f. Fl. Brit. Ind. v. 48. Near Kanghau and Sanwai in marshes, Hongkong New Territory; Lanfa Mt., Hoifung: in ditches and running water near Canton; Lienchow River. Fl. white, October—December.
14. P. perfoliatum, *Linn.*; Hook. f. l.c. 46. In hedges at the east of the Happy Valley, Hongkong: Swatow district; Hoifung; Whampoa. Fl. white or lilac, October.
15. P. senticosum, *Franch. et Sav.* Enum. Pl. Jap. ii. 480. Near Chaochaufu, Swatow: around Canton; Lofoushan. Fl. white or rose-coloured, April.
16. P. sagittatum, *Linn.*; Hook. f. Fl. Brit. Ind. v. 47. Lofoushan. Fl. white or pink, Summer.
17. P. strigosum, *R. Br.*; Hook. f. l. c. 47. Shaukiwan, Hongkong. Fl. pink, July.
18. P. Bodinieri, *Léveillé* in Bull. Acad. Géogr. Bot. xi. 343. In ditches at Pokfulam, Hongkong. Fl. pink, December.
19. P. Fagopyrum, *Linn.*; *Fagopyrum esculentum*, Moench; Hook. f. Fl. Brit. Ind. v. 55. Swatow district: North and Northwest Rivers. Fl. white or pink, November.
20. P. virginianum, *Linn.*; Hook. f. l. c. 31. Lofoushan. Fl. white, ——.
21. P. orientale, *Linn.*; Benth. Fl. Hongk. 288. Hongkong without locality. Fl. white or pink, July.
22. P. jucundum, *Meisn.* in DC. Prodr. xiv. 103. Kowloon, Hongkong New Territory; Whampoa. Fl. white, September.
23. P. flaccidum, *Meisn.*; Hook. f. Fl. Brit. Ind. v. 39. Hongkong; Kwangtung without locality. Fl. bright pink, November.
24. P. Hydropiper, *Linn.*; Benth. Fl. Hongk. 288. In paddy fields, Hongkong; Chaochaufu. Fl. pink, April.
25. P. japonicum, *Meisn.* in DC. Prodr. xiv. 112. At the foot of Taimoshan, Hongkong New Territory. Fl. pink, November.
26. P. minus, *Huds.*; Hook. f. Fl. Brit. Ind. v. 36. Swatow district; Whampoa: Lofoushan. Fl. pink, August.
27. P. Posumbu, *Ham.*; Hook. f. l. c. 38. Kwaisin, Hoifung; North River. Fl. pink, September—November.
28. P. multiflorum, *Thunb.*; Meisn. in DC. Prodr. xiv. 136. Lienchow River. Fl. white, October.
29. P. sachalinense, *F. Schmidt* in Maxim. Prim. Fl. Amur. 233. At East Point, Hongkong. Fl. white, September.

2.—RUMEX.

Key to species.

Fruiting sepals subentire ... ... 1. *crispus.*
Fruiting sepals laciniate ... ... 2. *maritimus.*

1. R. crispus, *Linn.*; Benth. Fl. Hongk. 286. At Chaiwan and Sheko, Hongkong. Fl. red, July.
2. R. maritimus, *Linn.*; Hook. f. Fl. Brit. Ind. v. 59. Hongkong without locality; Swatow district: weed in cultivated ground, Canton; Macao; West River. Fl. yellowish-brown, March.

NEPENTHACEAE.

NEPENTHES.

1. **N. phyllamphora**, *Willd.*; Hook. f. Fl. Brit. Ind. v. 69. Macao; Szetsushan, Sanning. Fl. white, August.

ARISTOLOCHIACEAE.

Key to genera.

Stem creeping, short or none	1. *Asarum.*
Stem twining	2. *Aristolochia.*

1.—ASARUM.

Key to species.

Perianth lobes caudate...	1. *caudigerum.*
Perianth lobes not caudate	2. *geophilum.*

1. **A. caudigerum**, *Hance* in Journ. Bot. 1881, 142. North River; East River; Lofoushan. Fl. greenish-purple, November–February.
2. **A. geophilum**, *Hemsl.* Enum. Pl. China, ii. 358. Lienchow River: North River. Fl. purplish-green, February–April.

2.—ARISTOLOCHIA.

Key to species.

1. Leaves deeply cordate, less than 3 times as long as broad	2.
Leaves not or slightly cordate, more than 4 times as long as broad ...	3.
2. Leaves with a few pinnate veins; flowers cymose	1. *Tagala.*
Leaves with only pedate venation; flowers solitary	2. *Fordiana.*
3. Leaves shortly cordate	3. *Westlandii.*
Leaves round at the base	4.
4. Leaves broadest $\frac{1}{5}$ from base	4. *longifolia.*
Leaves broadest $\frac{1}{5}$ from top	5. *Thwaitesii.*

1. **A. Tagala**, *Cham. et Schl.*; *A. Roxburghiana*, Kl.; Hook. f. Fl. Brit. Ind. v. 75. Tingushan on the West River. Fl. pale green, July.
2. **A. Fordiana**, *Hemsl.* in Journ. Bot. 1885, 286. Mt. Parker north, Hongkong; Taimoshan, Hongkong New Territory Fl. ——, February.
3. **A. Westlandii**, *Hemsl.* l. c. 286. Taimoshan, Hongkong New Territory. Fl. chocolate-coloured, May.
4. **A. longifolia**, *Champ.*: Benth. Fl. Hongk. 333. Victoria Peak and on the south side of Mt. Cameron, Hongkong. Fl. chocolate-coloured, March.

5. A. **Thwaitesii**, *Hook. f.* in Bot. Mag. t. 4918. In bamboo groves south-west of Wongneichong village, and in the clefts of rocks on the north face of Mt. Nicholson, Hongkong; Lantao Island, Hongkong New Territory. Fl. purple or chocolate-coloured, March.

PIPERACEAE.

Key to genera.

1. Flowers shortly stalked	2.
Flowers sessile	3.
2. Leaf about equal in length to its petiole	3. *Gymnotheca.*
Leaf many times longer than petiole	1. *Saururus.*
3. Spikes involucrate	2. *Houttuynia.*
Spikes naked	4.
4. Erect herb	5.
Woody climber	4. *Piper.*
5. Spikes hardly broader than the peduncle	5. *Peperomia.*
Spikes three times as broad as the peduncle	4. *Piper.*

1.—SAURURUS.

1. S. **Loureiri**, *Decne.*; DC. Prodr. xvi. I. 239. Grassy banks of watercourses, Taitamtuk, Hongkong; Swatow district; on muddy banks of creeks, Canton; West River above Shiuhing. Fl. white, May.

2.—HOUTTUYNIA.

1. H. **cordata**, *Thunb.*; Benth. Fl. Hongk. 334. Damp shady places Chaiwan, Hongkong; wet courtyard of the White Cloud monastery; West River; Lofoushan. Fl. white, May—December.

3.—GYMNOTHECA.

. G. **chinensis**, *Decne.*; Hook. Ic. Pl. t. 1873. Lienchow River. Fl. white, August.

4.—PIPER.

Key to species.

1. Leaves pubescent beneath	2.
Leaves glabrous	3.
2. Leaves very obliquely semicordate ...	1. *puberulum.*
Leaves deeply, evenly cordate ...	2. *sinense.*
3. Leaves gradually acuminate	4.
Leaves suddenly acuminate	3. *sarmentosum.*
4. Leaves obtuse at base	4. *Matthewii.*
Leaves cuneate at base	5. *Hancei.*

1. P. **puberulum**, *Maxim.*; *Chavica puberula*, Benth. Fl. Hongk. 335. Hongkong without locality; Lantao Island, Hongkong New Territory. Fl. green, May.
2. P. **sinense**, *C. DC.*; *Chavica sinensis*, Champ.; Benth. l. c. 335. In ravines of Mt. Davis, Mt. Victoria and Mt. Gough, Hongkong. Fl. green, April.
3. P. **sarmentosum**, *Roxb.*; *Chavica sarmentosa*, Miq.; Benth. l. c. 335. Very common at Little Hongkong, covering large patches of ground under trees; Hoifung near the city; neglected courtyards of the British Consular yamen, Canton; Pakhoi; Lienchow River; North River. Fl. green, August—October.
4. P. **Matthewii**, *Dunn* in Journ. Bot. 1909, 377. Lienchow River. Fl. green, December.
5. P. **Hancei**, *Maxim.*; *Chavica leptostachya*, Hance in Journ. Bot. 1868, 301. Cape d'Aguilar creeping on rocks, Wongchukhang on a tree, Hongkong; on old trees and rock faces, but rare, near Canton; on the trunk of a tree at the White Cloud monastery; woods at Tingushan, W. River. Fl. green, April.

5.—PEPEROMIA.

Key to species.

Leaves 3-veined ... ... 1. *dindigulensis*.
Leaves 5-veined ... ... 2. *pellucida*.

1. P. **dindigulensis**, *Miq.*; Hook. f. Fl. Brit. Ind. v. 98. Taimoshan at 1500 ft., Hongkong New Territory; Swatow district; Lofoushan. Fl. green, August.
2. P. **pellucida**, *H.B.K.*; DC. Prodr. xvi. I. 402. A weed in the Botanic Gardens and elsewhere, Hongkong. Fl. green, January.

CHLORANTHACEAE.

CHLORANTHUS.

Key to species.

1. Connective ligulate much produced ... 1. *Fortunei*.
   Connective not produced beyond anthers ... ... 2.
2. Anthers solitary ... ... 2. *brachystachys*.
   Anthers in threes ... ... 3. *inconspicuus*.

1. C. **Fortunei**, *Solms* in DC. Prodr. xvi. I. 476. Kwangtung without locality. Fl. ——.
2. C. **brachystachys**, *Blume*; Benth. Fl. Hongk. 334. Common in woods and ravines, Hongkong; Lantao Island, Hongkong New Territory; Lienchow River; Lofoushan. Fl. green, June.
3. C. **inconspicuus**, *Swartz*; Benth. l. c. Hongkong cultivated; Macao. Fl. white, Summer.

LAURACEAE.

Key to genera.

1. Tree or shrub	2.
Leafless parasite	7. *Cassytha.*
2. Flowers in close fascicles or umbels ...	3.
Flowers separate in loose inflorescences	4.
3. Anthers 2-celled	6. *Lindera.*
Anthers 4-celled	5. *Litsea.*
4. Leaves 3-nerved	5.
Leaves penninerved	6.
5. Fruit completely enclosed in the perianth tube ; anthers 2-celled ...	1. *Cryptocarya.*
Fruit free or nearly so, anthers 4-celled	3. *Cinnamomum.*
6. Anthers 2-celled ; perianth segments deciduous from the oval fruit, or perianth tube enclosing the fruit ...	7.
Anthers 4-celled : perianth segments deciduous from the globose fruit or reflexed, persistent	8.
7. Perianth deciduous	2. *Beilschmeidia.*
Perianth enveloping the fruit	1. *Cryptocarya.*
8. Perianth partly deciduous, leaving a cup or disc	3. *Cinnamomum.*
Perianth persistent, reflexed or entirely deciduous	4. *Machilus.*

1.—CRYPTOCARYA.

Key to species.

Leaves 3-nerved	1. *chinensis.*
Leaves penninerved	2. *concinna.*

1. **C. chinensis,** *Hemsl.* : *Beilschmeidia chinensis*, Hance in Journ. Bot. 1882, 79. Mountain east of Wongneichong, Mt. Parker and on hill above Taitam reservoir, Hongkong : Maönshan, Hongkong New Territory ; Lienchow River. Fl. greenish, May.
2. **C. concinna,** *Hance* l. c. 79. Happy Valley woods, and Mt. Gough, Hongkong: Lienchow River. Fl. greenish, August.

2.—BEILSCHMEIDIA.

Key to species.

Buds and inflorescence glabrous ; fruit $\frac{3}{4}$ inch	1. *Fordii.*
Buds and inflorescence silky ; fruit $\frac{1}{4}$ inch	2. *fagifolia.*

1. **B. Fordii,** *Dunn* in Journ. Bot. 1907, 404. In the Happy Valley woods, Hongkong. Fl. greenish, August.
2. **B. fagifolia,** *Nees* : Hook. f. Fl. Brit. Ind. v. 122. Between Tytam and Stanley, Victoria Peak, Hongkong. Fl. greenish, November.

3.—CINNAMOMUM.

Key to species.

1.	Leaves penninerved	1. *Parthenoxylon.*
	Leaves 3-nerved	2.
2.	Principal nerve-axils of leaves pitted...	3.
	Axils not pitted	4.
3.	Leaves with scent of cinnamom ...	2. *zeylanicum.*
	Leaves with scent of camphor ...	3. *Camphora.*
4.	Fruit on a toothed cup	5.
	Fruit on a truncate cup or disc ...	6.
5.	Leaves with scent of cinnamon ...	4. *Burmanni.*
	Leaves with scent of cassia	5. *Cassia.*
6.	Leaves suddenly cuspidate	6. *validinerve.*
	Leaves gradually acuminate	7. *pedunculatum.*

1. **C. Parthenoxylon,** *Meisn.*; *Camphora Parthenoxylon*, Nees; Benth. Fl. Hongk. 290. In the Happy Valley and other woods, Honkong; Lantao Island, Hongkong New Territory. Fl. yellowish-white, April.
2. **C. zeylanicum,** *Breyne*: Hook. f. Fl. Brit. Ind. v. 131. Cultivated in Hongkong. Fl. yellowish-white, April.
3. **C. Camphora,** *Nees*; Meisn. in DC. Prodr. xv. I. 24. Cultivated in Hongkong; common in the neighbourhood of villages, Hongkong New Territory; Yit-hai near Swatow: common around Pakhoi. Fl. pale yellow, April.
4. **C. Burmanni,** *Blume*; *C. dulce*, Nees: Benth. l. c. 290. In woods at East Point, Little Hongkong, and near the Buddhist Temple, Causeway Bay, Hongkong: river banks near Chaochaufu: Macao: Lienchow River. Fl. pale yellow, March.
5. **C. Cassia,** *Blume*; Hook. f. Fl. Brit. Ind. v. 130. Planted in Hongkong woods: West River and various localities, cultivated. Fl. white, May.
6. **C. validinerve,** *Hance* in Journ. Bot. 1882, 80. Happy Valley woods, Hongkong. Fl. greenish, June.
7. **C. pedunculatum,** *Nees*: Meisn. in DC. Prodr. xv. I. 16. On the northern slopes of Mt. Parker, Hongkong; Lantao Island, Hongkong New Territory: Lienchow River. Fl. white, May.

4.—MACHILUS.

Key to species.

1.	Leaves tomentose beneath	2.
	Leaves glabrous	5.
2.	Leaves at very base rounded	1. *Grijsii.*
	Leaves cuneate	2. *velutina.*
3.	Perianth deciduous	4.
	Perianth persistent	6.
4.	Perianth segments 2 lines long, oblong-lanceolate, nearly glabrous ...	4. *chinensis.*

Perianth segments 1–1½ lines long, ovate, very obtuse, outer ones ⅔ of inner	5. *breviflora.*
5. Perianth segments 2 lines or less long	3.
Perianth segments 3–4 lines long ...	6. *Phoenix.*
6. Leaves linear-lanceolate ; panicles few-flowered	7. *salicina.*
Leaves broader; panicles many-flowered	3. *Thunbergii.*

1. **M.** Grijsii, *Hance* ; Meisn. in DC. Prodr. xv. I. 504. Near Swatow. Fl. white, April.
2. **M.** velutina, *Champ.* ; Benth. Fl. Hongk. 291. At Taitam Tuk, Happy Valley, Mt. Parker, Mt. Victoria, and elsewhere, Hongkong ; below Kowloon catchwater, and on Maönshan, Hongkong New Territory. Fl. white, October.
3. **M.** Thunbergii, *Sieb. et Zucc.* ; *M. rimosa*, Blume ; Benth, l. c. 291. In the Happy Valley and Little Hongkong woods, Repulse Bay, and elsewhere, Hongkong ; Lantao Island, Aupuiwan, and Hahang, Hongkong New Territory ; near Yit-hai village, Swatow : Tamsui, Hoifung. Fl. pale yellow, March.
4. **M.** chinensis, *Hemsl.* ; *Alseodaphne chinensis*, Champ. ; Benth. l. c. 292. In the Happy Valley woods, Mt. Victoria, and Mt. Nicholson, Hongkong. Fl. white, November.
5. **M.** breviflora, *Hemsl.* ; *Alseodaphne breviflora*, Benth, l. c. 292. Near Victoria Gap, Hongkong. Fl. white, August.
6. **M.** Phoenix, *Dunn* in Journ. Bot. 1910, 279. Slopes of the Phoenix Mt., Swatow. Fl. green, April.
7. **M.** salicina, *Hance* in Journ. Bot. 1885, 327. Below Kowloon catchwater, Hongkong New Territory ; below Molam on the West River. Fl. whitish, February.

5.—LITSEA.

Key to species.

1. Leaves 3-nerved	2.
Leaves penninerved	3.
2. Leaves 1–2 inches long, glabrous ...	1. *Playfairi.*
Leaves 3–4 inches long, silky on the veins beneath	2. *pulchella.*
3. Leaves verticillate	3. *verticillata.*
Leaves scattered	4.
4. Leaves quite glabrous or midrib puberulous	5.
Leaves downy beneath	7.
5. Leaves coriaceous	6.
Leaves membranous	4. *citrata.*
6. Leaves acute at the base	9.
Leaves rounded at the base	5. *rotundifolia.*
7. Leaves cuneate at the base	8.
Leaves rounded at the base	7. *polyantha.*
8. Umbels solitary	6. *elongata.*
Umbels corymbose or racemose ...	9. *sebifera.*

9. Leaves green, finely reticulate ... 10. *variabilis.*
Leaves glaucous, very smooth beneath 6. *chinensis.*

1. L. **Playfairi**, *Hemsl.* Enum. Pl. China, ii. 384. Pakhoi. Fl.—.
2. L. **pulchella**, Meisn.; *L. ceylanica*, Benth. Fl. Hongk. 294. Victoria Peak, Sheko and Cape d'Aguilar, Hongkong: Lantao Island, Hongkong New Territory: Hoifung. Fl. ——, November.
3. L. **verticillata**, *Hance* in Journ. Bot. 1883, 356. At Yunhatin village about 10 miles north of Canton. Fl. yellowish, November.
4. L. **citrata**, *Blume*; *Tetranthera polyantha*, Wall.: Benth. Fl. Hongk. 293. In the Happy Valley woods, Mt. Gough, Taitam Tuk and elsewhere, Hongkong: Hahang, Hongkong New Territory: Hoifung: Wongyu. Fl. white, January.
5. L. **rotundifolia**, *Hemsl.* Enum. Pl. China, ii. 385. Near Fanling, and Haihung, Hongkong New Territory: Yit-hai, Swatow. Fl. yellowish, January.
6. L. **chinensis**, *Blume*; *Actinodaphne chinensis*, Nees: Benth. Fl. Hongk. 293. Common on the hillsides, Hongkong: Hahang, Hongkong New Territory: Hoifung. Fl. yellow, August.
7. L. **polyantha**, *Juss.*; *Tetranthera monopetala*, Roxb.: Benth. l. c. 292. Common in Hongkong. Fl. yellow, May.
8. L. **elongata**, *Hook. f.* Fl. Brit. Ind. v. 165. Victoria Peak, Hongkong; Lienchow River. Fl. August.
9. L. **sebifera**, *Pers.*; *Tetranthera citrifolia*, Benth. Fl. Hongk. 293. Little Hongkong woods, North Point, and West Point, Hongkong; Lantao Island, Hongkong New Territory; Swatow; Macao; Tai-iushan near Canton. Fl. yellow, June.
10. L. **variabilis**, *Hemsl.* Enum. Pl. China, ii. 386. Happy Valley woods, Hongkong. Fl. yellowish, June.

6.—LINDERA.

Key to species.

1. Leaves 3-nerved ... ... 1. *strychnifolia.*
Leaves penninerved ... ... 2.
2. Leaves cordate or broadly rounded ... 2. *reflexa.*
Leaves acute or very narrowly rounded below ... ... 3.
3. Leaves quite glabrous, oblong, over 6 inches long; youngest shoots glabrous ... ... 3. *megaphylla.*
Leaves tomentose beneath until old or less than 4 inches long; youngest shoots downy ... ... 4.
4. Leaves brownish-tomentose until old ... 4. *bifaria.*
Leaves soon glabrous ... ... 5.
5. Leaves shining above ... ... 6.
Leaves dull above ... ... 6. *glauca.*

6. Shoots and leaves, at least before maturity, pubescent	5. *communis.*
Whole plant except inflorescence quite glabrous	7. *Laureola.*

1. **L. strychnifolia,** *Villar*; *Daphnidium strychnifolium*, Meisn. in DC. Prodr. xv. I. 230. Macao. Fl. yellow, April.
2. **L. reflexa,** *Hemsl.* Enum. Pl. China, ii. 391. North River. Fl. yellowish, February.
3. **L. megaphylla,** *Hemsl.* l. c. 389. In a wood between Little Hongkong and Middle Gap. Fl. yellowish, April.
4. **L. bifaria,** *Benth.*; *Daphnidium bifarium*, Nees: Benth. Fl. Hongk. 294. Victoria Peak and Mt. Nicholson, Hongkong. Fl. yellowish, September.
5. **L. communis,** *Hemsl.* Enum. Pl. China, ii. 387. Lienchow River; North River. Fl. yellow, May.
6. **L. glauca,** *Blume*; Meisn. in DC. Prodr. xv. I. 244. Mt. Gough and Mt. Victoria, Hongkong; Taimoshan, Hongkong New Territory; Kwangtung without locality; Chaochaufu. Fl. yellow, February—April.
7. **L. Laureola,** *Coll. et Hemsl.* in Journ. Linn. Soc. xxviii. 119. Near the city of Hoifung. Fl. yellow, Spring.

7.—CASSYTHA.

1. **C. filiformis,** *Linn.*; Benth. Fl. Hongk. 294. Common in Hongkong and Hongkong New Territory; Swatow district; Hoifung; Pakhoi. Fl. white, August.

PROTEACEAE.

1.—HELICIA.

Key to species.

Fruit ½–¾ inch diameter, ovate ...	1. *cochinchinensis.*
Fruit 1–1½ inch diameter, globose ...	2. *erratica.*

1. **H. cochinchinensis,** *Lour.*; Benth. Fl. Hongk. 295. In the Happy Valley, and on the western spur of Mt. Parker, Hongkong; Sanning. Fl. brownish, August.
2. **H. erratica,** *Hook. f.* Fl. Brit. Ind. v. 189. Little Hongkong, Hongkong; Lantao Island, Hongkong New Territory; North River; Lofoushan; Ngchungshan. Fl. pale yellow, June.

THYMELAEACEAE.

Key to genera.

1. Small shrub	2.
Large tree	3. *Aquilaria.*
2. Leaves alternate	1. *Daphne.*
Leaves opposite	2. *Wikstroemia.*

1.—DAPHNE.

Key to species.

1.	Leaves silky	1. *Championi*
	Leaves glabrous	2.
2.	Flowers terminal	2. *cannabina.*
	Flowers axillary	3. *triflora.*

1. **D. Championi**, *Benth.* Fl. Hongk. 296. Above the Bowen Road, Hongkong; Lantao Island, Hongkong New Territory; Swatow district; Lienchow River. Fl. silky white, February.
2. **D. cannabina**, *Wall.*; Hook. f. Fl. Brit. Ind. v. 193. Taimoshan at 2000 ft., Hongkong New Territory; slopes of the Phoenix Mt., Swatow. Fl. white, December.
3. **D. triflora**, *Lour.*; Meisn. in DC. Prodr. xiv. 541. Around Canton. Fl. ——.

2.—WIKSTROEMIA.

Key to species.

1.	Racemes subsessile	2.
	Racemes long-stalked	3.
2.	Veins of leaves crowded	1. *indica.*
	Veins of leaves 3–4 pairs	2. *stenantha.*
3.	Flowers longer than peduncles ...	3. *Monnula.*
	Flowers shorter than peduncles ...	4. *nutans.*

1. **W. indica**, *C. A. Mey.*; *W. viridiflora*, Meisn.; Benth. Fl. Hongk. 297. Happy Valley, between Aberdeen and Little Hongkong, and elsewhere, Hongkong; Lantao Island, Hongkong New Territory; Hoifung; Pakhoi. Fl. yellow, May.
2. **W. stenantha**, *Hemsl.* Enum. Pl. China, ii. 400. Hoifung; North River; Lofoushan. Fl. pink, August.
3. **W. Monnula**, *Hance* in Journ. Bot. 1878, 13. Lantao Island, Hongkong New Territory; along the North River. Fl. yellowish pink, March - May.
4. **W. nutans**, *Champ.*; Benth. Fl. Hongk. 297. Victoria Peak, Pokfulam ravine, and Happy Valley, Hongkong; Taimoshan, Hongkong New Territory; Swatow. Fl. yellow, February.

3.—AQUILARIA.

1. **A. grandiflora**, *Benth.* Fl. Hongk. 297. Common in the Happy Valley woods, and elsewhere, Hongkong; Lantao Island, Hongkong New Territory; Macao; Lofoushan. Fl. yellow, May.

ELAEAGNACEAE.

1.—ELAEAGNUS.

Key to species.

1.	Limb of flower campanulate	2.
	Limb of flower tubular	4.
2.	Flowers 6-8 lines long	3.
	Flowers 3-4 lines long	1. *Tutcheri.*
3.	Pedicel more than three times the length of the ovary	2. *Loureiri.*
	Pedicel about as long as the ovary ...	3. *latifolia.*
4.	Perianth tube cylindric	4. *gonyanthes.*
	Perianth tube gradually narrowed to the base	5. *glabra.*

1. **E. Tutcheri**, *Dunn* in Journ. Bot. 1907, 404. Victoria Peak, Hoktsui and Cape d'Aguilar, Hongkong. Fl. silvery yellowish white, December.
2. **E. Loureiri**, *Champ.*; Benth. Fl. Hongk. 298. Mt. Parker, Mt. Gough and Little Hongkong, Hongkong; Lantao Island, Taimoshan and Hahang, Hongkong New Territory; Macao. Fl. yellowish brown, November—February.
3. **E. latifolia**, *Linn.*; Hook. f. Fl. Brit. Ind. v. 202. Stream near Chaochaufu; Lienchow River. Fl. silvery whitish yellow, December—March.
4. **E. gonyanthes**, *Benth.*; DC. Prodr. xiv. 613. White Cloud hills, Canton; Macao; North River. Fl. silvery yellow, December.
5. **E. glabra**, *Thunb.*; DC. l. c. 614. Hill near Chaochaufu. Fl. silvery yellow, winter.

LORANTHACEAE.

Key to genera.

Leaves wanting or 3-veined	2. *Viscum.*
Leaves penninerved	1. *Loranthus.*

1.—LORANTHUS.

Key to species.

1.	Petals free from the base	2.
	Petals united	3.
2.	Petals four	1. *Sampsoni.*
	Petals five	2. *pentapetalus.*
3.	Tube of corolla dilated at the base ...	3. *ampullaceus.*
	Tube cylindric	4.
4.	Bracteoles 2	5.
	Bracteoles 0	7.
5.	Pedicels subumbellate	4. *chinensis.*
	Pedicels racemose	6.

6. Peduncles solitary	5. *Fordii.*
Peduncles fascicled	6. *bibracteolatus.*
7. Old leaves tomentose beneath	7. *Scurrula.*
Old leaves glabrous beneath	8. *estipitatus.*

1. L. Sampsoni, *Hance* in Journ. Bot. 1871, 133. On trees along the river Loting, West River. Fl. red, June.
2. L. pentapetalus, *Roxb.*; Hook. f. Fl. Brit. Ind. v. 206. On trees of *Machilus Thunbergii* near Fauling, Hongkong New Territory. Fl. white, but turning yellowish pink when old, March.
3. L. ampullaceus, *Roxb.*; Hook. f. l. c. 220. Lofoushan. Fl. greenish yellow, July.
4. L. chinensis, *DC.*; Benth. Fl. Hongk. 141. Common on many different kinds of trees, Hongkong; Swatow district; Lanfa Mt., Hoifung. Fl. red, August.
5. L. Fordii, *Hance* in Journ. Bot. 1885, 38. Hill near Chaochaufu; Pakong, N. River. Fl. yellow, April.
6. L. bibracteolatus, *Hance* l. c. 1880. 301. Lienchow River; North River. Fl. red, December.
7. L. Scurrula, *Linn.*; Hook. f. Fl. Brit. Ind. v. 208. Hill near Chaochaufu; Lienchow River. Fl. buff or pink, August.
8. L. estipitatus, *Stapf*; *L. scurrula*, var. *obtecta*, Kurz; Hook. f. l. c. 209. Lofoushan. Fl. reddish, August.

2.—VISCUM.

Key to species.

Leaves wanting	1. *japonicum.*
Leaves 3-nerved	2. *orientale.*

1. V. japonicum, *Thunb.*; *V. articulatum*, Benth. Fl. Hongk. 141. On trees in the Happy Valley, Hongkong; on a large tree near Yit-hai; Swatow. Fl. greenish, winter.
2. V. orientale, *Willd.*; Benth. l. c. 41. Hongkong without locality. Fl. greenish, December—February.

SANTALACEAE.

Key to genera.

Leaves linear	1. *Thesium.*
Leaves ovate	2. *Henslowia.*

1.—THESIUM.

Key to species.

Bracts simple	1. *chinense.*
Bracts 5-foliate	2. *psilotoides.*

1. T. chinense, *Turcz.*; DC. Prodr. xiv. 649. Pakhoi. Fl. yellow, Summer.
2. T. psilotoides, *Hance* in Journ. Bot. 1868, 48. Summit of the White Cloud hills, Canton. Fl. yellow, July.

2.—HENSLOWIA.

Key to species.

Female flowers sessile	1. *sessiliflora.*
Female flowers pedicellate	2. *frutescens.*

1. **H. sessiliflora,** *Hemsl.* Enum. Pl. China, ii. 409. Pakhoi. Fl.—.
2. **H. frutescens,** *Champ.*; Benth. Fl. Hongk. 299. Common on the hills in Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; Swatow district; upper parts of the White Cloud hills, Canton. Fl. green, February.

BALANOPHORACEAE.

1.—BALANOPHORA.

1. **B. Harlandi,** *Hook. f.*; Benth. Fl. Hongk. 140. Mt. Gough, Mt. Nicholson and Taitam Tuk, Hongkong. Fl. ——, November.

EUPHORBIACEAE.

Key to genera.

1.	Male and female flowers together within bracts or receptacles: plant with milky juice	1. *Euphorbia.*
	Male and female flowers not clustered together; plant with watery juice	2.
2.	Flowers in terminal or axillary racemes, male above, female at base ...	9.
	Flowers not in bisexual racemes ...	3.
3.	Flowers in corymbs; leaves palmately veined	14.
	Flowers not corymbose	4.
4.	Leaves trifoliate, palmately lobed or opposite	15.
	Leaves simple, alternate, not palmately lobed	5.
5.	Male and female inflorescences distinct but on the same branch	6.
	Flowers dioecious	8.
6.	Female flowers in contracted racemes	2. *Sarcococca.*
	Female flowers single or umbellate ...	7.
7.	Female inflorescence of 1 flower ...	32. *Sebastiana.*
	Female flowers in an umbel	20. *Blachia.*
8.	Male flowers in racemes, panicles or catkins	17.
	Male flowers axillary	27.
9.	Stems herbaceous	21. *Speranskia.*
	Stems woody	10.
10.	Styles divided	19. *Croton.*
	Styles undivided	11.

11. Racemes all terminal ... ... 13.
Racemes nearly all axillary ... ... 12.
12. Racemes reduced, ovate ... ... 2. *Sarcococca.*
Racemes slender, elongated ... ... 33. *Excoecaria.*
13. Stamens numerous ... ... 30. *Homalanthus.*
Stamens 2 or 3 ... ... 31. *Sapium.*
14. Calyx segments imbricate ... ... 17. *Jatropha.*
Calyx breaking open valvately ... 18. *Aleurites.*
15. Leaves trifoliate ... ... 12. *Bischoffia.*
Leaves simple ... ... 16.
16. Leaves opposite ... ... 3. *Buxus.*
Leaves alternate, palmately lobed ... 28. *Ricinus.*
17. Male flowers in catkins ... ... 13. *Aporosa.*
Male flowers in racemes or panicles ... 18.
18. Leaves serrate, crenate or dentate ... 19.
Leaves entire ... ... 23.
19. Leaves with thread-like glands at top of petiole ... ... 24. *Alchornea.*
Leaves without thread-like appendages 20.
20. Styles bifid ... ... 26. *Cleidion.*
Styles undivided, fringed or not ... 21.
21. Capsule 3-celled ... ... 22.
Capsule 2-celled ... ... 27. *Macaranga.*
22. Leaves palmately nerved or acuminate-caudate ... ... 25. *Mallotus.*
Leaves pinnately nerved, acute or obtuse 22. *Claoxylon.*
23. Ovary 1-2-celled ... ... 24.
Ovary 3-celled ... ... 25. *Mallotus.*
24. Ovary 1-celled, styles 3 ... ... 15. *Antidesma.*
Ovary 2-celled, styles 1 or 2 ... ... 25.
25. Stigmas united into a disc ... ... 29. *Endospermum.*
Stigmas and styles 2 ... ... 26.
26. Flowers in clusters along panicle branches ... ... 4. *Bridelia.*
Flowers racemose ... ... 14. *Daphniphyllum.*
27. Herb ... ... 28.
Shrub or tree ... ... 29.
28. Sepals thick with a thin white margin 5. *Agyneia.*
Sepals plain ... ... 7. *Phyllanthus.*
29. Male calyx turbinate ... ... 11. *Breynia.*
Male calyx open ... ... 30.
30. Stamens alone in the male flower ... 7. *Phyllanthus, etc.*
Rudiment of ovary with stamens in male flower ... ... 31.
31. Petals present ... ... 16. *Microdesmis.*
Petals absent ... ... 10. *Fluggea.*

1.—EUPHORBIA.

Key to species.

1. Leaves stipulate ... ... 2.
Stipules wanting ... ... 8.

2. Shrub with entire leaves	1. *Atoto.*
Herb with serrulate leaves	3.
3. Plant erect with leaves 1 inch long	4.
Plant prostrate; leaves less than ½-inch long	7.
4. Leaves pubescent, stipules minute, linear	2. *pilulifera.*
Leaves glabrous, stipules deltoid ...	5.
5. Leaves ovate	3. *hypericifolia.*
Leaves linear or oblong	6.
6. Cymes subsessile; leaves linear ...	4. *serrulata.*
Cymes shortly pedunculate: leaves oblong	5. *bifida.*
7. Capsule glabrous	6. *sanguinea.*
Capsule pubescent	7. *thymifolia.*
8. Tree	9.
Herb	10.
9. Stems winged	8. *antiquorum.*
Stems cylindric	9. *Tirucalli.*
10. Annual with obovate leaves	11.
Perennial	10. *pekinensis.*
11. Leaves entire	11. *Peplus.*
Leaves serrulate	12. *Helioscopia.*

1. **E. Atoto**, *Forst. f.*; Hook. f. Fl. Brit. Ind. v. 248. Seashore at Deepwater Bay and Chaiwan, Hongkong; Lamma Island, Hongkong New Territory. Fl. December.

2. **E. pilulifera**, *Linn.*; Benth. Fl. Hongk. 302. Common in waste places, Hongkong; on the bank of the Han River, Swatow. Fl. all the year.

3. **E. hypericifolia**, *Linn.*; Benth. l. c. 301. Chaiwan and Causeway Bay, Hongkong; Pengchau Island, Hongkong New Territory; Fatshan and other localities. Fl. September.

4. **E. serrulata**, *Reinw.*: DC. Prodr. xv. II. 25. Macao. Fl. June.

5. **E. bifida**, *Hook. et Arn.*; DC. l. c. Sandy shores Lantao Island, Hongkong New Territory; Macao; Tyloo Island; Pakhoi. Fl. June.

6. **E. sanguinea**, *Hochst. et Steud.*; Benth. Fl. Hongk. 302. Common in Hongkong. Fl. August.

7. **E. thymifolia**, *Linn.*; Benth. l. c. 302. A common weed, Hongkong; Lofoushan. Fl. June.

8. **E. antiquorum**, *Linn.*; Hook f. Fl. Brit. Ind. v. 255. Very commonly used for hedges in Hongkong New Territory; fields near Chaochaufu. Fl. yellow, April.

9. **E. Tirucalli**, *Linn.*; Benth. Fl. Hongk. 301. Between Pokfulam and Aberdeen, and at Shaukiwan, Hongkong; Lantao Island, Lamma Island, Castle Peak, and Pengchau Island, Hongkong New Territory. Fl. ——.

10. **E. pekinensis**, *Rupr.*: DC. Prodr. xv. II. 121. North River. Fl. August.

11. **E. Peplus**, *Linn.*; DC. l. c. 141. Swatow. Fl. April.

12. **E. Helioscopia**, *Linn.*; Benth. Fl. Hongk. 301. Cultivated and waste places, Hongkong. Fl. summer.

2.—SARCOCOCCA.

1. **S. pruniformis,** *Lindl.*; Hook. f. Fl. Brit. Ind. v. 266. On the north side of Mt. Parker, Hongkong. Fl. yellow, February.

3.—BUXUS.

1. **B. sempervirens,** *Linn.*; Benth. Fl. Hongk. 315. Hills above Causeway Bay, Taitam Tuk, and Hoktsui, Hongkong; Fungwongshan, in the rocky sides of a stream north of Kowloon reservoir, Ukautin at the head of the waterfall, and elsewhere, Hongkong New Territory; crevices of rocks on the brink of the torrent near Yit-hai, Swatow. Fl. green, February.

4.—BRIDELIA.

Key to species.

1.	Flowers in sessile clusters	2.
	Flowers paniculate	1. *Fordii.*
2.	Leaves acuminate	2. *Balansae.*
	Leaves obtuse	3. *tomentosa.*

1. **B. Fordii,** *Hemsl.* Enum. Pl. China, ii. 419. Lienchow River. Fl. August.
2. **B. Balansae,** *Tutcher* in Journ. Linn. Soc. xxxvii. 66. In the Happy Valley woods, on the southern slope of Mt. Parker, and at Little Hongkong, Hongkong; Taimoshan at 1500 ft., Hongkong New Territory. Fl. March.
3. **B. tomentosa,** *Blume*; Benth. Fl. Hongk. 309. Very common in Hongkong; Swatow on the hills; Kwangtung without locality. Fl. September.

5.—AGYNEIA.

1. **A. bacciformis,** *A. Juss.*; *Phyllanthus bacciformis*, Linn.; Benth. Fl. Hongk. 310. At Little Hongkong, and Sheko, Hongkong; seashore at Ngautaukok, Hongkong New Territory. Fl. August.

7.—PHYLLANTHUS.

Key to species of *Phyllanthus* (No. 7) and *Glochidion* (No. 8).

1.	Herb annual or short-lived ...	2.
	Tree or shrub	5.
2.	Flowers nearly sessile	3.
	Flowers shorter than the pedicel	4.
3.	Capsule muricate; perianth segments oblong	1. *P. urinaria.*
	Capsule smooth; perianth segments obovate	2. *P. maderaspatensis.*

4. Smaller branches flat seeds tuberculate	6.
Smaller branches filiform seeds striate	3. *P. Niruri.*
5. Leaves over 1 inch long	10.
Leaves under 1 inch long ...	7.
6. Stems simple	4. *P. simplex.*
Stems branched from the base ...	5. *P. anceps.*
7. Styles united	8.
Styles distinct	9.
8. Leaves truncate below; styles connate only at base	6. *P. Emblica.*
Leaves cuneate below, for half their length	7. *P. cinerascens.*
9. Leaves thin, rounded at both ends	8. *P. reticulatus.*
Leaves thick, acute at both ends	9. *P. leptoclados.*
10. Anthers 3; leaves usually under 3 inches or thin	11.
Anthers 5 or more; leaves coriaceous, usually over 3 inches ...	16.
11. Branches and leaves glabrous ...	12.
Branches and leaves pubescent or hirsute...	14.
12. Leaves 1½ inches long; ovary 3-celled	13.
Leaves 3 inches long; ovary 5-celled	2. *G. philippinense.*
13. Leaves acuminate...	1. *G. Wrightii.*
Leaves rounded	8. *P. reticulatus.*
14. Leaves glabrous above	15.
Leaves ovate, pubescent above ...	4. *G. eriocarpum.*
15. Leaves obovate	5. *G. Fortuni.*
Leaves oblong	3. *G. obscurum.*
16. Branches and leaves softly pubescent	6. *G. Arnottianum.*
Branches and leaves glabrous ...	17.
17. Capsule 4 lines long; leaves 3–4 inches long	7. *G. hongkongense.*
Capsule 6 lines long; leaves 5–6 inches long	8. *G. macrophyllum.*

1. **P. urinaria,** *Linn.*; Benth. Fl. Hongk. 310. Hongkong without locality; fields near Yit-hai, Swatow; garden weed, Canton. Fl. July.

2. **P. maderaspatensis,** *Linn.*; Benth. l. c. 311. Hongkong without locality. Fl. ——.

3. **P. Niruri,** *Linn.*; Benth. l. c. 311. Wongneichong, Hongkong; Macao. Fl. August.

4. **P. simplex,** *Retz.*; Hook. f. Fl. Brit. Ind. v. 295. Hongkong without locality; Yit-hai, Swatow; Hoifung; Lienchow River. Fl. April—August.

5. **P. anceps,** *Benth.* Fl. Hongk. 311. Near the Happy Valley, and Deepwater Bay, Hongkong. Fl. July.

6. **P. Emblica**, *Linn.*; Benth. l. c. 312. Wongneichong and Little Hongkong, Hongkong; hill near Chaochaufu. Fl. March.
7. **P. cinerascens**, *Hook. et Arn.*; Benth. l. c. 311. On Mt. Gough, and other places, Hongkong; Yaumati, Kowloon; Lantao Island, Hongkong New Territory; Macao; Sanning. Fl. April.
8. **P. reticulatus**, *Poir.*; *Cicca microcarpa*, Benth. l. c. 312. Mt. Davis, Hongkong; near Canton; Whampoa; Pakhoi. Fl. April.
9. **P. leptoclados**, *Benth.* l. c. 312. Hongkong without locality; Macao; Lienchow River. Fl. May.

8.—GLOCHIDION.

For key to species see under *Phyllanthus* (No. 7.)

1. **G. Wrightii**, *Benth.* Fl. Hongk. 313. Hongkong without locality; Lantao Island, at 1400 ft., Hongkong New Territory; Swatow. Fl. May.
2. **G. philippinense**, *Benth.* l. c. 314. Hongkong without locality. Fl. May.
3. **G. obscurum**, *Blume*; *G. sinicum*, Hook. et Arn.; Benth. l. c. 314. Pokfulam, Hongkong; Hoifung; Whampoa; White Cloud hills, Canton; Macao. Fl. June—October.
4. **G. eriocarpum**, *Champ.*; Benth. l. c. 314. In the Happy Valley woods, and common in ravines, Hongkong; Lantao Island, Hongkong New Territory; hills near Chaochaufu; Macao. Fl. April.
5. **G. Fortuni**, *Hance*; *P. puberus*, var. *Fortuni*, Muell.-Arg. in DC. Prodr. xv. II. 307. Hill near Chaochaufu. Fl. April.
6. **G. Arnottianum**, *Muell.-Arg.*; *G. molle*, Hook. et. Arn.; Benth. Fl. Hongk. 314. Ravines, Mt. Gough, and Pokfulam, Hongkong; Swatow district. Fl. May.
7. **G. hongkongense**, *Muell.-Arg.*; *G. littorale*, Benth. l. c. 314. At the foot of Mt. Victoria, above Pokfulam reservoir, and elsewhere, Hongkong; hills near Chaochaufu. Fl. August.
8. **G. macrophyllum**, *Benth.* l. c. 315. At Little Hongkong, Hongkong; Taimoshan, and Taisuihang Valley, Hongkong New Territory. Fl. Summer.

10.—FLUGGEA.

1. **F. microcarpa**, *Blume*; Hook. f. Fl. Brit. Ind. v. 328. Whampoa; Lienchow River; Lofoushan; West River. Fl. August.

11.—BREYNIA.

Key to species.

Fruiting perianth enlarged ... ... 1. *fruticosa.*
Fruiting perianth unchanged ... ... 2. *officinalis.*

1. **B. fruticosa**, *Hook. f.*; *Melanthera chinensis*, Blume; Benth. Fl. Hongk. 313. West Point, Victoria Peak, Wanchai

Gap, and elsewhere, Hongkong; Taimoshan and Harbour Isle, Hongkong New Territory; Lanfa Mt., Hoifung. Fl. yellow, April–September.

2. B. officinalis, *Hemsl.* Enum. Pl. China, ii. 427. Hoifung. Fl. green, April.

12.—BISCHOFIA.

1. B. javanica, *Blume*; Benth. Fl. Hongk. 316. At Little Hongkong and Causeway Bay, Hongkong; Hahang, and near Fanling, Hongkong New Territory; Swatow district; Lienchow River. Fl. yellowish, March.

13.—APOROSA.

Key to species.

Leaves obtuse or shortly bluntly acuminate; young parts pubescent ...	1. *leptostachya.*
Leaves caudate acuminate; glabrous throughout	2. *lanceolata.*

1. A. leptostachya, *Benth.* Fl. Hongk. 317. Common in Hongkong; Lantao Island, Hongkong New Territory; Pakhoi; Lofoushan. Fl. April—May.

2. A. lanceolata, *Hance* in Journ. Bot. 1879, 14. Tingushan on the West River. Fl. March.

14.—DAPHNIPHYLLUM.

Key to species.

Styles erect	1. *calycinum.*
Styles recurved	2. *glaucescens.*

1. D. calycinum, *Benth.* Fl. Hongk. 316. On Mt. Cameron, Hongkong; Taipo Road, Hongkong New Territory; Swatow district; Hoifung; White Cloud hills, Canton; Macao. Fl. April.

2. D. glaucescens, *Blume*; *D. Roxburghii*, Baill.; Benth. l. c. 316. In a wood above Little Hongkong, Hongkong; hill near Chaochaufu. Fl. February.

15.—ANTIDESMA.

Key to species.

1.	Perianth shortly divided	2.
	Perianth deeply divided	3.
2.	Leaves glabrous	1. *Bunius.*
	Leaves pubescent	2. *Fordii.*
3.	Leaves linear or linear lanceolate ...	3. *microphyllum.*
	Leaves ovate	4.
4.	Leaves pubescent	4. *Ghaesembilla.*
	Leaves glabrous	5.
5.	Fruit narrowly elliptic...	5. *gracile.*
	Fruit globose	6. *japonicum.*

1. A. Bunius, *Spreng.*; Benth. Fl. Hongk. 318. Common in Little Hongkong woods; Lantao Island on low ground, and Maönshan Valley, Hongkong New Territory; near Wongchuki. Fl. May.
2. A. Fordii, *Hemsl.* Enum. Pl. China, ii. 430. Maönshan, Hongkong New Territory; Lienchow River; Lofoushan. Fl. June—August.
3. A. microphyllum, *Hemsl.* l. c. 432. Happy Valley woods, and Mt. Gough south, Hongkong; Lantao Island and Maönshan, Hongkong New Territory. Fl. January—April.
4. A. Ghaesembilla, *Gaertn.*; *A. paniculatum*, Roxb.; Benth. Fl. Hongk. 318. On the Pokfulam Road, in a valley at Aberdeen, and at West Point, Hongkong; Hahang, Hongkong New Territory; Pakhoi. Fl. July.
5. A. gracile, *Hemsl.* Enum. Pl. China, ii. 431. Lienchow River; West River. Fl. June.
6. A. japonicum, *Sieb. et Zucc.*; Benth. Fl. Hongk. 318. Near Victoria fort West Point, Victoria Peak, Happy Valley, and Black's Link, Hongkong; Lantao Island, Hongkong New Territory. Fl. April—June.

16.—MICRODESMIS.

1. M. caseariaefolia, *Planch.*; Hook. f. Fl. Brit. Ind. v. 380. Loting River. Fl. May.

17.—JATROPHA.

Key to species.

Petioles glabrous	1. *Curcas.*
Petioles glandular	2. *glandulifera.*

1. J. Curcas, *Linn.*; Benth. Fl. Hongk. 309. In hedges and near villages, Hongkong; Lantao Island, and Lukking, Hongkong New Territory. Fl. yellow, May.
2. J. glandulifera, *Roxb.*; Hook. f. Fl. Brit. Ind. v. 382. Near Pokfulam. Fl. greenish yellow, July.

18.—ALEURITES.

Key to species.

Leaf glands stalked; fruit sculptured	1. *cordata.*
Leaf glands sessile; fruit smooth ...	2. *Fordii.*

1. A. cordata, *Steud.*; DC. Prodr. xv. II. 724. Cultivated in Hongkong; occasionally near villages, Hongkong New Territory; near Chaochaufu; Tingushan on the West River. Fl. white tinged with pink, April.
2. A. Fordii, *Hemsl.* in Hook. Ic. Pl. t. 2801 et t. 2802. Cultivated in Hongkong and Kwangtung. Fl. white tinged with pink, April.

19.—CROTON.

Key to species.

1. Leaves glabrous	... ...	2.
Leaves pubescent or tomentose	...	3.
2. Leaves 3-nerved	... ...	1. *Tiglium.*
Leaves penninerved throughout	...	2. *Hancei.*
3. Bracts entire ; styles bifid	... ...	3. *lachnocarpus.*
Bracts divided ; styles 4-fid	... ...	4. *crassifolius.*

1. **C. Tiglium**, *Linn.* ; Hook. f. Fl. Brit. Ind. v. 393. Happy Valley and Little Hongkong, Hongkong ; Lantao Island and Shingmun Gap, Hongkong New Territory ; near Canton ; Tungkun, delta of E. River ; Pakhoi. Fl. January—May.
2. **C. Hancei**, *Benth.* Fl. Hongk. 308. Happy Valley, Bowen Road and Black's Link, Hongkong. Fl. May.
3. **C. lachnocarpus**, *Benth.* l. c. 308. Happy Valley, Hongkong ; wooded gorge near Ukautin, Hongkong New Territory ; Swatow district ; Lofoushan. Fl. May.
4. **C. crassifolius**, *Geisel.* ; *C. chinensis*, Benth. l. c. 309. Pokfulam, on the slopes of the hills at Aberdeen, Black's Link, and elsewhere, Hongkong ; Lowu, Hongkong New Territory ; hills near Chaochaufu. Fl. white, April.

20.—BLACHIA.

1. **B. Pentzii**, *Benth.* ; *Codiaeum Pentzii*, Muell.-Arg. in DC. Prodr. xv. II. 1118. At Paksha on the extreme southern coast. Fl. August.

21.—SPERANSKIA.

1. **S. Henryi**, *Oliver* ; *Argyrothamnia cantonensis*, Hance in Journ. Bot. 1878, 14. North River. Fl. white, March.

22.—CLAOXYLON.

1. **C. indicum**, *Hassk.* ; Hook. f. Fl. Brit. Ind. v. 410. In the wood at the Buddhist Temple, Causeway Bay, and in Little Hongkong woods, Hongkong : Hahang, Hongkong New Territory ; Hoifung. Lofoushan. Fl. August.

23.—ACALYPHA.

Key to species.

1. Female bracts entire ...	... ...	2.
Female bracts 3–5-partite	... ...	1. *brachystachya.*
2. Female bracts cordate ...	... ...	2. *australis.*
Female bracts truncate	... ...	3.
3. Female bracts 1-flowered	... ...	3. *fallax.*
Female bracts 3–5-flowered	... ...	4. *indica.*

1. **A. brachystachya**, *Hornem.* ; Hook. f. Fl. Brit. Ind. v. 416. Lienchow River. Fl. December.

2. **A. australis,** *Linn.*; *A. gemina*, Spreng.; DC. Prodr. xv. II. 866. A weed in cultivated ground, Hongkong; Whampoa; Lienchow River; North River. Fl. May.
3. **A. fallax,** *Muell.-Arg.*; Hook. f. Fl. Brit. Ind. v. 416. Kwangtung without locality. Fl.——.
4. **A. indica,** *Linn.*; Benth. Fl. Hongk. 303. In waste places at East Point, Shaukiwan and Little Hongkong, Hongkong; Macao. Fl. July—November.

24.—ALCHORNEA.

Key to species.

Leaves softly pubescent above ...	1. *rufescens.*
Leaves glabrescent above	2. *trewioides.*

1. **A. rufescens,** *Franch.* Pl. David. i. 265. Lienchow River. Fl. August.
2. **A. trewioides,** *Muell.-Arg.*; *Stipellaria trewioides*, Benth. Fl. Hongk. 305. Low down on Mt. Victoria, Wongneichong, and elsewhere, Hongkong; Lantao Island, Hongkong New Territory; hills near Chaochaufu. Fl. March—June.

25.—MALLOTUS.

Key to species.

1.	Leaves palmatinerved	3.
	Leaves penninerved	2.
2.	Petioles and young shoots stifly hairy	1. *Hookerianus.*
	Petioles and young shoots subglabrous	2. *Furetianus.*
3.	Leaves tomentose beneath	4.
	Leaves glabrous or subglabrous beneath	7.
4.	Leaves peltate	3. *barbatus.*
	Leaves not peltate	5.
5.	Leaves with red glands beneath ...	4. *philippinensis.*
	Leaves eglandular	6.
6.	Female spike simple; fruit with crowded plumose processes	5. *Apelta.*
	Female spike paniculate; fruit processes subulate	6. *cochinchinensis.*
7.	Leaves with 4–7 pairs of nerves, not running into teeth	8.
	Leaves with about 9 pairs of nerves ending in teeth	7. *populifolius.*
8.	Fruit smooth	8. *repandus.*
	Fruit echinate	9. *japonicus.*

1. **M. Hookerianus,** *Muell.-Arg.*; *Hancea Hookeriana*, Seem.; Benth. Fl. Hongk. 306. In the Happy Valley woods, Hongkong; Ukautin, Hongkong New Territory. Fl. May.
2. **M. Furetianus,** *Muell.-Arg.*; *Hancea muricata*, Benth. l. c. 306. Little Hongkong, Hongkong; Taipo Road, Hongkong New Territory. Fl. May.

3. **M. barbatus**, *Muell.-Arg.*; Hook. f. Fl. Brit. Ind. v. 428. Along the West River. Fl. May.
4. **M. philippinensis**, *Muell.-Arg.*; *Rottlera tinctoria*, Roxb.: Benth. Fl. Hongk. 307. Mt. Gough, and common in ravines, Hongkong; Lantao Island, Hongkong New Territory; Lienchow River. Fl. April.
5. **M. Apelta**, *Muell.-Arg.*; *Rottlera chinensis*, Juss.; Benth. l. c. 306. Behind the Buddhist Temple, Causeway Bay, Hongkong; Taipo Road, Hongkong New Territory; on the banks of the Han River, Swatow; Lofoushan. Fl. July.
6. **M. cochinchinensis**, *Lour.*; *Rottlera paniculata*, A. Juss.: Benth. l. c. 307. Very common on the north side of Mt. Victoria and Mt. Gough, Hongkong; Kwangtung without locality. Fl. August.
7. **M. populifolius**, *Hemsl.* Enum. Pl. China, ii. 441. Kwangtung without locality. Fl. Summer.
8. **M. repandus**, *Muell.-Arg.*; *Rottlera cordifolia*, Benth. l. c. 307. Near West Point filter beds, Pokfulam Road, and Little Hongkong, Hongkong; Lantao Island, Hongkong New Territory; rocky gorge near Yit-hai, Swatow; near the city of Canton; West River. Fl. April.
9. **M. japonicus**, *Muell.-Arg.*; DC. Prodr. xv. II. 966. Lienchow River. Fl. August.

26.—CLEIDION.

1. **C. javanicum**, *Blume*; Hook. f. Fl. Brit. Ind. v. 444. Ravine below Sheko Gap, Hongkong. Fl. February.

27.—MACARANGA.

Key to species.

Leaves narrowly peltate	...	...	1. *Sampsoni.*
Leaves deeply peltate ...	...	...	2. *Tanarius.*

1. **M. Sampsoni**, *Hance* in Journ. Bot. 1871, 134. In a wood near the road above the monastery of Tingushan on the West River. Fl. June.
2. **M. Tanarius**, *Muell.-Arg.*; *Mappa Tanaria*, Spreng.; Benth. Fl. Hongk. 304. Chaiwan, Hongkong; Kwangtung without locality. Fl. March.

28.—RICINUS.

1. **R. communis**, *Linn.*; Benth. Fl. Hongk. 307. In waste places, Hongkong and Kowloon; river banks near Swatow. Fl. white, April.

29.—ENDOSPERMUM.

1. **E. chinense**, *Benth.* Fl. Hongk. 304. At Little Hongkong, Hongkong; Tolo harbour, Hongkong New Territory; Swatow. Fl. June.

30.—HOMOLANTHUS.

1. H. Leschenaultianus, *A. Juss.* Tent. Euphorb. 50. Kwangtung without locality. Fl. ——.

31.—SAPIUM.

Key to species.

1. Leaves nearly orbicular	1. *rotundifolium.*
Leaves elliptic or rhomboid	2.
2. Leaves elliptic, acute at both ends ...	2. *discolor.*
Leaves rhomboid, acuminate	3. *sebiferum.*

1. S. rotundifolium, *Hemsl.* Enum. Pl. China, ii. 445. Lienchow River. Fl. Summer.
2. S. discolor, *Muell.-Arg.*; *Stillingia discolor*, Champ.; Benth. Fl. Hongk. 303. Hongkong without locality; White Cloud hills, Canton. Fl. May.
3. S. sebiferum, *Roxb.*; *Stillingia sebifera*, Michx.; Benth. l. c. 302. Common in Hongkong; Lantao Island, Hongkong New Territory; gardens near Chaochaufu. Fl. June.

32.—SEBASTIANA.

1. S. Chamaelea, *Muell.-Arg.*; Hook. f. Fl. Brit. Ind. v. 475. Lantao Island, Hongkong New Territory; Macao. Fl. August.

33.—EXCOECARIA.

Key to species.

Leaves 1–1½ inches broad	1. *Agallocha.*
Leaves 3–4 inches broad	2. *japonica.*

1. E. Agallocha, *Linn.*; Hook. f. Fl. Brit. Ind. v. 472. Estuary at Little Hongkong, and at Taitam Tuk, Hongkong; Tingkok, Hongkong New Territory. Fl. January—December.
2. E. japonica, *Muell.-Arg.*; *Stillingia japonica*, Sieb. et Zucc.; Benth. Fl. Hongk. 303. Hongkong without locality; on the bank of the Han River, Swatow. Fl. May.

URTICACEAE.

Key to genera.

1. Tree and shrub	2.
Herb	12.
2. Female flowers closely packed on or in receptacles	3.
Female flowers separate	8.

3.	Flowers outside receptacles	4.
	Flowers inside receptacles	13. *Ficus.*
4.	Leaves strongly 3-nerved	5.
	Leaves penninerved	6.
5.	Female flowers in spikes	11. *Morus.*
	Female flowers in globular heads ...	10. *Broussonetia.*
6.	Female flowers in large pear-shaped masses	15. *Artocarpus.*
	Female flowers in globular heads ...	7.
7.	Leaves subserrate, suddenly acuminate; styles 6 times longer than perianth	9. *Malaisia.*
	Leaves entire, blunt ; styles short ...	14. *Cudrania.*
8.	Tree	9.
	Shrub	12.
9.	Leaves 3-nerved	11.
	Leaves penninerved	10.
10.	Leaves crenate	1. *Ulmus.*
	Leaves entire	4. *Gironniera.*
11.	Leaves smooth and glabrous	2. *Celtis.*
	Leaves rough or velvety	3. *Trema.*
12.	Plant climbing	5. *Humulus.*
	Stem erect	13.
13.	Leaves 5-11-partite	6. *Cannabis.*
	Leaves entire	14.
14.	Flowers spicate ; female calyx tubular	23. *Boehmeria.*
	Flowers fascicled or cymose	15.
15.	Leaves opposite	16.
	Leaves alternate	22.
16.	Leaves symmetrical	17.
	Leaves oblique at the base	18.
17.	Hairs stinging	16. *Urtica.*
	No stinging hairs	18. *Pilea.*
18.	Flowers on a discoid receptacle ...	19. *Lecanthus.*
	Flowers fascicled	24. *Pouzolzia.*
19.	Female calyx tubular, enclosing achene	20.
	Female calyx 3-4-partite ; achene free	21.
20.	Stigma discoid ; perianth adnate ...	25. *Villebrunea.*
	Stigma filiform ; perianth free ...	24. *Pouzolzia.*
21.	Glomerules racemose-spicate	17. *Fleurya.*
	Cymes solitary, axillary, stalked ...	8. *Fatoua.*
22.	Leaves symmetrical	19.
	Leaves oblique at the base	23.
23.	Flowers some or all on a fleshy receptacle	24.
	Flowers cymose	20. *Pellionia.*
24.	All flowers on a fleshy receptacle ...	21. *Elatostema.*
	Male flowers only on a fleshy receptacle	22. *Procris.*

1.—ULMUS.

1. **U. parvifolia,** *Jacquin* ; Planch. in DC. Prodr. xvii. 161. In a garden at Canton. Fl. green, August ?

2.—CELTIS.

Key to species.

Leaves serrate above	1. *sinensis.*
Leaves quite entire	2. *philippinensis.*

1. **C. sinensis,** *Pers.*; Benth. Fl. Hongk. 324. Common in the island, Hongkong; Swatow; Macao; Lienchow River; Lofoushan. Fl. green, March.
2. **C. philippinensis,** *Blanco*; Benth. l. c. 324. In the Happy Valley woods, and at Little Hongkong, Hongkong; Macao. Fl. April.

3.—TREMA.

Key to species.

Leaves softly villous beneath	1. *amboinensis.*
Leaves nearly glabrous	2. *timorensis.*

1. **T. amboiensis,** *Blume*; *Sponia velutina*, Planch.; Benth. Fl. Hongk. 324. On the edges of woods, Hongkong; hills near Chaochaufu; Macao. Fl. July.
2. **T. timorensis,** *Blume*; Hook. f. Fl. Brit. Ind. v. 483. North River; Lofoushan. Fl. May.

4.—GIRONNIERA.

Key to species.

Leaves rough beneath	1. *subaequalis.*
Leaves smooth beneath	2. *nitida.*

1. **G. subaequalis,** *Planch.*; *G. chinensis*, Benth. Fl. Hongk. 325. Above Pokfulam reservoir and in a ravine of Mt. Gough, Hongkong; in a wood at Taiwai, Hongkong New Territory; North River. Fl. March.
2. **G. nitida,** *Benth.* l. c. 325. In the Happy Valley woods, Hongkong; Lantao Island, Hongkong New Territory; Sauning. Fl. April.

5.—HUMULUS.

Key to species.

Upper leaves ovate	1. *Lupulus.*
Upper leaves palmately lobed ...	2. *japonicus.*

1. **H. Lupulus,** *Linn.*; DC. Prodr. xvi. I. 29. Lienchow River. Fl. October.
2. **H. japonicus,** *Sieb. et Zucc.*; DC. l. c. 29. Common roadside weed, Canton; Lienchow River. Fl. August.

6.—CANNABIS.

1. **C. sativa,** *Linn.*; Hook. f. Fl. Brit. Ind. v. 487. Weed in Blake Garden, Hongkong; Lekun, Hongkong New Territory, cultivated; West River, cultivated. Fl. green, May.

8.—FATOUA.

1. **F. pilosa,** *Gaudich.*; DC. Prodr. xvi. I. 256. On roadside banks, Hongkong; Kowloon; weed on brick rubbish and city wall, Canton; Lienchow River; Lofoushan. Fl. green, September.

9.—MALAISIA.

1. **M. tortuosa,** *Blanco*; DC. l. c. 221. Macao; Sanning; West River. Fl. white, August.

10.—BROUSSONETIA.

Key to species.

Leaves tomentose beneath, early leaves lobed	1. *papyrifera.*
Leaves subglabrous beneath, entire ...	2. *Kaempferi.*

1. **B. papyrifera,** *Vent.*; Hook. f. Fl. Brit. Ind. v. 490. Naturalised in Hongkong; river banks near Chaochaufu; Tai-iushan on the West River. Fl. white, April.
2. **B. Kaempferi,** *Sieb.*; DC. Prodr. xvi. I. 226. Near Taipo, Hongkong New Territory; hill near Chaochaufu; Lienchow River. Fl. pink, April.

11.—MORUS.

1. **M. alba,** *Linn.*; Hook. f. Fl. Brit. Ind. v. 492. Mt. Gough and Mt. Parker, Hongkong; fields near Chaochaufu. Fl. February.

13.—FICUS.

Key to species.

1. Figs axillary, 1–3 together	2.
Figs 2 or more in clusters on the old wood	24.
2. Mature leaves or figs glabrous ...	3.
Leaves and figs pubescent or hispid ...	20.
3. Figs sessile	4.
Figs pedunculate	9.
4. Petiole 1–2 inches long	5.
Petiole ½ inch long	29.
5. Leaves variously cut	1. *laceratifolia.*
Leaves entire	6.
6. Leaves membranous	3. *erecta.*
Leaves chartaceous or coriaceous, evergreen	7.
7. Veins close and parallel	4. *Rumphii.*
Veins distant	8.

8.	Leaves acute below ; figs $\frac{1}{5}$ inch long...	9.
	Leaves rounded below ; figs $\frac{4}{5}$ inch long	5. *altissima.*
9.	Leaves regular	6. *Wightiana.*
	Leaves angular, polymorphous ...	7. *gibbosa.*
10.	Bracts none or near the base of the peduncle	11.
	Bracts at top of the peduncle	14.
11.	Leaves entire	12.
	Leaves irregularly angular and dentate	7. *gibbosa.*
12.	Leaves membranous, veins not prominent	8. *subulata.*
	Leaves coriaceous with prominent veins	13.
13.	Leaves oblong, obtusely acuminate ...	9. *nervosa.*
	Leaves elliptic, acutely acuminate ...	7. *gibbosa.*
14.	Stem erect	15.
	Stem creeping	19.
15.	Leaves strongly reticulate on both sides	10. *vasculosa.*
	Veins not prominent	16.
16.	Figs pear-shaped	11. *pyriformis.*
	Figs globular	17.
17.	Shoots hairy	18.
	Shoots glabrous	12. *variolosa.*
18.	Leaves contracted in the middle ; branches scabrous	13. *pandurata.*
	Leaves lanceolate ; branches except tip glabrous	14. *formosana.*
19.	Leaves round at the base	15. *impressa.*
	Leaves unequally cordate	16. *pumila.*
20.	Leaves glabrous and smooth above ...	6. *Wightiana.*
	Leaves pubescent or scabrous above ...	21.
21.	Figs pedunculate	22.
	Figs sessile	23.
22.	Figs pear-shaped	25. *Abelii.*
	Figs globose	17. *Beecheyana.*
23.	Figs shortly hispid ; leaves regularly and closely serrate...	18. *hirta.*
	Figs bearded ; leaves distantly dentate	19. *fulva.*
24.	Figs essile	6. *Wightiana.*
	Figs pedunculate	25.
25.	Figs hispid	20. *hispida.*
	Figs glabrous	26.
26.	Petiole more than half the breadth of leaf	21. *infectoria.*
	Petiole less than half the breadth of leaf	27.
27.	Branches strigose ; leaves with short obtuse point	28.
	Branches glabrous ; leaves tapering to point	22. *chlorocarpa.*
28.	Leaves cordate	23. *ramentacea.*
	Leaves rounded or acute at base ...	24. *Harlandi.*
29.	Figs hairy	26. *foveolata.*
	Figs glabrous	2. *retusa.*

1. F. **laceratifolia**, *Léveillé et Vaniot* in Mem. Acad. Barcelona, vi. 151. Magazine Gap Road, and on hills above Taihang village, Hongkong; Maönshan, and hill above Laichikok, Hongkong New Territory; Phoenix Mt., Swatow.
2. F. **retusa**, *Linn.*; Benth. Fl. Hongk. 327. In woods, on roadsides, near habitations, and frequently planted, Hongkong; Kowloon; Taishuihang, and other places, Hongkong New Territory; Swatow district.
3. F. **erecta**, *Thunb.*; Maxim. in Mél. Biol. xi. 328. Hongkong without locality; Lantao Island, Hongkong New Territory; Whampoa; Lienchow River; Lofoushan.
4. F. **Rumphii**, *Blume*; Hook. f. Fl. Brit. Ind. v. 512. Cultivated at Macao.
5. F. **altissima**, *Blume*; Hook. l. c. 504. North Point on the bank of the grounds around the Naval hospital, Queen's Road East, perhaps only cultivated, Hongkong; Kowloon; near temples, Kwangtung.
6. F. **Wightiana**, *Benth.* Fl. Hongk. 327. At Little Hongkong, and cultivated, Hongkong.
7. F. **gibbosa**, *Blume*; Hook. f. Fl. Brit. Ind. v. 496. At Little Hongkong, Hongkong; Kowloon; Maönshan, Linfati, and Fanling, Hongkong New Territory; along the West River.
8. F. **subulata**, *Blume*; Hook. f. l. c. 497. Hahang, Hongkong New Territory; Lofoushan.
9. F. **nervosa**, *Heyne*; Benth. Fl. Hongk. 327. Happy Valley woods, Mt. Nicholson, and Cape d'Aguilar, Hongkong; Lantao Island, Hongkong New Territory.
10. F. **vasculosa**, *Wall.*; *F. Championi*, Benth. l. c. 328. In the Happy Valley woods, Hongkong; Swatow district.
11. F. **pyriformis**, *Hook. et Arn.*; Benth. l. c. 328. Mt. Nicholson, Mt. Kellet, and common in watercourses, Hongkong; Taimoshan, Hongkong New Territory; by streams near Chaochaufu; Hoifung.
12. F. **variolosa**, *Lindl.*; Benth. l. c. 328. Common in ravines, Hongkong; Lantao Island and Port Shelter, Hongkong New Territory; White Cloud hills, Canton.
13. F. **pandurata**, *Hance*; Maxim. in Mél. Biol. xi. 345. Fields near Chaochaufu; near Canton; Dane's Island, Whampoa.
14. F. **formosana**, *Maxim.* l. c. 331. Hongkong without locality; Hoifung; Lienchow River.
15. F. **impressa**, *Champ.*; Benth. Fl. Hongk. 328. In ravines creeping over rocks, Hongkong; Lantao Island, Hongkong New Territory; Swatow district.
16. F. **pumila**, *Linn.*; Maxim. l. c. 342. Victoria Peak, and Stonecutters' Island, Hongkong; Lantao Island, Hong kong New Territory; paddy field, Yit-hai, Han River valley; Macao; Lofoushan.
17. F. **Beecheyana**, *Hook. et Arn.*; Benth. l. c. 329. Mt. Gough and Mt. Victoria, Hongkong; Lantao Island, Hongkong New Territory; Kwaisin, Hoifung.

18. **F. hirta**, *Vahl*; Benth. l. c. 329. Victoria Peak, and common in ravines, Hongkong; Maönshan and near Lowu, Hongkong New Territory; hill near Chaochaufu and Hoifung; Whampoa; Lofoushan.
19. **F. fulva**, *Reinw.*; Hook. f. Fl. Brit. Ind. v. 531. Taomoshan, and Maönshan, Hongkong New Territory; Swatow district; Hoifung; North River.
20. **F. hispida**, *Linn.*; Benth. l. c. 329. Common in ravines, Hongkong.
21. **F. infectoria**, *Roxb.*; Hook. f. Fl. Brit. Ind. v. 515. Cape d'Aguilar, Mt. Gough, and elsewhere, Hongkong; Kowloon; Taimoshan, Hongkong New Territory; woods near Yit-hai, Swatow.
22. **F. chlorocarpa**, *Benth.* l. c. 330. Common in watercourses, Hongkong; Lantao Island, Hongkong New Territory; White Cloud hills, Canton.
23. **F. ramentacea**, *Roxb.*; Hook. f. l. c. 528. West River.
24. **F. Harlandi**, *Benth.* l. c. 330. On Mt. Gough and elsewhere, Hongkong; Lantao Island and Maönshan, Hongkong New Territory; near Chaochaufu; White Cloud hills, Canton.
25. **F. Abelii**, *Miq.*; *F. pyriformis*, var. *Abelii*, King in Ann. Bot. Gard. Calc. i. 158. Hill near Chaochaufu.
26. **F. foveolata**, *Wall.*; Hook. f. Fl. Brit. Ind. v. 528. Mt. Parker, Hongkong; Taimoshan, Hongkong New Territory; slopes of the Phoenix Mt., Swatow.

14.—CUDRANIA.

Key to species.

1. Leaves broadly ovate	1. *triloba.*
Leaves obovate-lanceolate	2.
2. Veins 8–10 pairs	2. *javanensis.*
Veins 6 pairs	3. *rectispina.*

1. **C. triloba**, *Hance* in Journ. Bot. 1868, 49. Lienchow River; West River. Fl. May.
2. **C. javanensis**, *Trécul*; Hook. f. Fl. Brit. Ind. v. 538. Hahang, Hongkong New Territory; hill near Chaochaufu. Fl. April.
3. **C. rectispina**, *Hance* in Journ. Bot. 1876, 365. Sheko Gap, Hoktsui, and Cape d'Aguilar, Hongkong; Kowloon; Lantao Island, Hongkong New Territory; Lofoushan at 800 ft. Fl. May.

15.—ARTOCARPUS.

Key to species.

Leaves glabrous below...	1. *integrifolia.*
Leaves tomentose below	2. *hypargyraea.*

1. **A. integrifolia**, *Linn.*; Bot. Mag. t. 2833. Hongkong without locality, and cultivated; Macao, cultivated.

2. **A. hypargyraea**, *Hance*; Benth. Fl. Hongk. 325. Mt. Gough and Mt. Kellett, Hongkong; Kowloon; Lantao Island, Hongkong New Territory; Canton. Fl. June.

16.—URTICA.

1. **U. cordatifolia**, *Steud.*; Walp. Ann. iii. 411. Hongkong without locality. Fl. ——.

17.—FLEURYA.

1. **F. interrupta**, *Gaud.*; DC. Prodr. xvi. I. 74. At the foot of Mt. Gough, and in damp waste places near the Botanic Gardens, Hongkong. Fl. September.

18.—PILEA.

Key to species.

1.	Leaves entire	2.
	Leaves crenate or serrate	3.
2.	Nerves obscure, leaves orbicular, fleshy	1. *crassifolia.*
	Leaves penninerved	2. *muscosa.*
3.	Leaves peltate	3. *peltata.*
	Leaves not peltate	4.
4.	Leaves small, crenate	4. *peploides.*
	Leaves large, serrate	5. *Wightii.*

1. **P. crassifolia**, *Hance* in Journ. Bot. 1882, 294. Lienchow River. Fl. December—March.
2. **P. muscosa**, *Lindl.*; *P. microphylla*, Liebm.; DC. Prodr. xvi. I. 105. A common weed on old walls, Hongkong; Macao. Fl. Summer.
3. **P. peltata**, *Hance*: DC. l. c. 131. Cockscomb Rocks, West River; Lienchow River. Fl. December.
4. **P. pelploides**, *Hook. et Arn.*; DC. l. c. 109. A common weed in gardens, Hongkong. Fl. May.
5. **P. Wightii**, *Wedd.* in DC. l. c. 125. Lantao Island, Hongkong New Territory. Fl. September.

19.—LECANTHUS.

1. **L. Wightii**, *Wedd.*; Hook. f. Fl. Brit. Ind. v. 559. Lofoushan. Fl. August.

20.—PELLIONIA.

Key to species.

1.	Leaves obtuse in outline	1. *brevifolia.*
	Leaves acute in outline	2.
2.	Stem creeping; leaves acute	2. *radicans.*
	Stem suberect; leaves acuminate ...	3.
3.	Male cymes with peducles 2–3 inches long	3. *Griffithiana.*
	Male cymes with peduncles ½ inch long	4. *scabra.*

1. P. brevifolia, *Benth.* Fl. Hongk. 330. In ravines of Mt. Gough and Mt. Victoria, Hongkong. Fl. September.
2. P. radicans, *Wedd.* in DC. Prodr. xvi. I. 167. West River, Canton. Fl. ——.
3. P. Griffithiana, *Wedd.*; Hook. f. Fl. Brit. Ind. v. 559. Lien-chow River. Fl. December.
4. P. scabra, *Benth.* Fl. Hongk. 330. In ravines of Mt. Victoria, Mt. Gough and Mt. Parker, Hongkong; Taimoshan at 1500 feet, Hongkong New Territory; slopes of the Phoenix Mt. and wet banks near Yit-hai, Swatow; Canton. Fl. April.

21.—ELATOSTEMA.

Key to species.

Fruit smooth	1. *sessile.*
Fruit tuberculate	2. *retrohirta.*

1. E. sessile, *J. et G. Forst.*; Hook. f. Fl. Brit. Ind. v. 563. Rivulets under rocks, Yit-hai, Swatow. Fl. April.
2. E. retrohirtum, *Dunn*, sp. n., *E. papilloso*, Wedd. affinis, indumento distincta.

Herba erecta, 20–40 cm. alta, caule pilis brevibus deflexis dense scabro. *Folia* alterna, oblique lanceolata, acuminata, basi in altero latere angustata, altero cordata, semiamplexicaulia, subsessilia, ad 10 cm. longa, crenato-serrata, papyracea, supra ubique, infra praecipue in venis, tenuiter setulosa; petioli 2 mm. longi. *Receptacula* florifera axillaria, peltata, margine fimbriata, 5 mm. diametro; pedunculi 2 mm. longi. *Flores* plurimi, conferti, laciniis receptacularibus involucrati; pedicelli 0·5–1 mm. longi. *Sepala* 4, linearia, 0·5 mm. longa. *Achenium* ovale, tuberculatum, 1 mm. longum.

Wet shady ground near Yit-hai, Han valley, Dunn's Han Expedition, Herb. Hongk. n. 6288 (unique specimen in Hongk. Herb., drawing in Kew Herb.) Fl. ——.

22.—PROCRIS.

1. P. laevigata, *Blume*; Hook. l. c. 575. Taimoshan, Hongkong New Territory. Fl. December—February.

23.—BOEHMERIA.

Key to species.

1.	Leaves alternate	1. *nivea.*
	Leaves opposite	2.
2.	Leaves lanceolate; spikes short dense	2. *densiflora.*
	Leaves ovate	3.
3.	Leaves with a long cuspidate point ...	3. *grandiflora.*
	Leaves acuminate	4.
4.	Spikes panicled	4. *polystachya.*
	Spikes simple	5. *platyphylla.*

1. **B. nivea**, *Gaud.*; Benth. Fl. Hongk. 331. In ravines on Mt. Victoria, and elsewhere, Hongkong; cultivated in Hongkong New Territory; Yit-hai, Swatow; Macao. Fl. October.
2. **B. densiflora**, *Hook. et Arn.*; DC. Prodr. xvi. I. 215. Abundant on Victoria Peak in the vicinity of Mountain Lodge, Hongkong; Lienchow River. Fl. December—March.
3. **B. grandifolia**, *Wedd.*; *B. platyphylla*, var. *macrophylla*, Wedd.; DC. l. c. 213. Kwangtung without locality. Fl. June to August.
4. **B. polystachya**, *Wedd.*; Hook. f. Fl. Brit. Ind. v. 579. Lienchow River. Fl. August.
5. **B. platyphylla**, *D.Don*; Hook. f. l. c. 578. Near Canton; Lienchou River; North River; Lofoushan. Fl. August.

24.—POUZOLZIA.

Key to species.

1.	Leaves serrate	1. *ovalis.*
	Leaves entire	2.
2.	Nearly all leaves alternate	2. *indica.*
	Nearly all leaves opposite	3. *hirta.*

1. **P. ovalis**, *Miq.*; *P. viminea*, Wedd.; Hook. f. Fl. Brit. Ind, v. 581. Below Molam on the West River. Fl. May.
2. **P. indica**, *Gaud.*; Benth. Fl. Hongk. 331. Robinson Road and Mt. Victoria, Hongkong; Macao. Fl. July.
3. **P. hirta**, *Hassk.*; *Memorialis hispida*, Ham.; Benth. l. c. 332. In shady places, Hongkong; White Cloud hills, Canton; Lofoushan. Fl. June.

25.—VILLEBRUNEA.

1. **V. frutescens**, *Blume*; Benth. Fl. Hongk. 332. Victoria Peak and Mt. Parker, Hongkong; Taimoshan, Hongkong New Territory. Fl. March.

JUGLANDACEAE.

Key to genera.

1.	Leaves serrate	2.
	Leaves entire	2. *Engelhardtia.*
2.	Female flowers in loose spikes ...	1. *Pterocarya.*
	Female flowers in strobiles	3. *Platycarya.*

1.—PTEROCARYA.

1. **P. stenoptera**, *C.DC.*; Prodr. xvi. II. 140. Lienchow River. Fl. white, April.

2.—ENGELHARDTIA.

1. **E. Wallichiana**, *Lindl.*; Hook. Fl. Brit. Ind. v. 596. Happy Valley, Mt. Gough, and Little Hongkong woods, Hongkong. Fl. yellow, June.

3.—PLATYCARYA.

1. **P. strobilacea**, *Sieb. et Zucc.*; DC. Prodr. xvi. II. 145. Lienchow River. Fl. March.

MYRICACEAE.

1.—MYRICA.

1. **M. rubra**, *Sieb. et Zucc.*; Benth. Fl. Hongk. 322. Mt. Victoria, Mt. Kellet and Mt. Parker south, Hongkong; common on the hills near Yit-hai, Swatow; Canton? Fl. yellow, March.

AMENTACEAE.

Key to genera.

1.	Fruit a catkin of many small capsules	3. *Salix.*
	Fruit of one or more large nuts ...	2.
2.	Pericarp smooth or unarmed	1. *Quercus.*
	Pericarp prickly	2. *Castanopsis.*

1.—QUERCUS.

Key to species.

1.	Cup enclosing acorn	2.
	Cup not enclosing acorn	5.
2.	Leaves over 6 inches long	19.
	Leaves under 6 inches long, entire or undulate	3.
3.	Cup with concentric rings	4.
	Cup scaly	20.
4.	Leaves silvery, veins prominent beneath	3. *sclerophylla.*
	Leaves green beneath, veins not raised	4. *cuspidata.*
5.	Cup attached to acorn at base only ...	7.
	Cup attached to bottom and sides of acorn	6.
6.	Leaves glabrous	5. *cornea.*
	Leaves pubescent	6. *uvariifolia.*
7.	Cup with concentric zones	8.
	Cup scaly	15.
8.	Leaves glabrous	9.
	Leaves pubescent	7. *Championi.*
9.	Leaves linear-oblong	8. *salicina.*
	Leaves lanceolate	10.

10.	Leaves toothed	11.
	Leaves entire	13.
11.	Leaves suddenly acuminate below ...	9. *glauca.*
	Leaves gradually acuminate below ...	12.
12.	Cup saucer-shaped	10. *Blakei.*
	Cup cup-shaped	11. *Edithae.*
13.	Secondary veins about 7 pairs ...	14.
	Secondary veins about 11 pairs ...	12. *iteaphylla.*
14.	Leaves elliptic rounded at the top ...	13. *litseoides.*
	Leaves acute	14. *polystachya.*
15.	Leaves serrate or strongly dentate throughout	16.
	Leaves entire or undulate at the top...	17.
16.	Leaves deeply undulate-dentate ...	15. *Fabri.*
	Leaves serrate	16. *serrata.*
17.	Shoots glabrous	21.
	Shoots hairy	18.
18.	Young cups covered with the long scale points	17. *Irwinii.*
	Scales of cups with short points ...	18. *thalassica.*
19.	Leaves entire	24. *Elizabethae.*
	Leaves serrate throughout	1. *fissa.*
20.	Leaf veins obscure beneath	25. *attenuata.*
	Leaf veins prominent beneath ...	2. *amygdalifolia.*
21.	Scales of cups with subulate points ...	19. *fenestrata.*
	Scales of cups with short points or blunt	22.
22.	Ultimate venation of leaves reticulate	23.
	Ultimate venation transverse	24.
23.	Veins 12-13 pairs	22. *Hancei.*
	Veins 8–10 pairs	14. *polystachya.*
24.	Leaves oblong-elliptic, base abruptly acuminate	25.
	Leaves lanceolate, cuneate	21. *Harlandi.*
25.	Leaves bullate (arched up between the veins)	23. *synbalanos.*
	Leaves flat	20. *brevicaudata.*

1. **Q. fissa**, *Champ.*; Benth. Fl. Hongk. 320. In the Happy Valley and Little Hongkong woods, Hongkong; on the Taipo road, Hongkong New Territory; Swatow district; Lienchow River. Fl. May.

2. **Q. amygdalifolia**, *Skan* in Hemsl. Enum. Pl. China, ii. 506. Mt. Cameron, and hills north of Taitam reservoir, Hongkong; Lantao Island, Hongkong New Territory. Fl. May.

3. **Q. sclerophylla**, *Lindl.*; *Q. cuspidata*, var. *sinensis*, DC. Prodr. xvi. II. 103. Happy valley woods, Hongkong. Fl. May.

4. **Q. cuspidata**, *Thunb.*; DC. l. c. 103. White Cloud hills, Canton. Fl. ——.

5. **Q. cornea**, *Lour.*; Benth. Fl. Hongk. 322. Mt. Victoria, Mt. Parker, Little Hongkong, and elsewhere, Hongkong; Lantao Island and Maönshan, Hongkong New Territory; Kwaisin, and Hoifung. Fl. April.

6. **Q. uvariifolia,** *Hance* in Journ. Bot. 1884, 227. Pak-kwa-ngan near Phoenix Mt., Swatow; Tanghashan, near Chaochaufu, North River; Lofoushan. Fl. April.
7. **Q. Championi,** *Benth.* Fl. Hongk. 321. In the Happy Valley woods, Mt. Cameron, and near Victoria Gap, Hongkong. Fl. April.
8. **Q. salicina,** *Blume*; Benth. l. c. 321. In the Happy Valley woods, and elsewhere, Hongkong; Shalotung, Hongkong New Territory. Fl. April.
9. **Q. glauca,** *Thunb.*; Hook. f. Fl. Brit. Ind. v. 604. Pokfulam, Mt. Cameron, Deepwater Bay, and Cape d'Aguilar, Hongkong; Lienchow River. Fl. March.
10. **Q. Blakei,** *Skan* in Hook. Ic. Pl. t. 2662. Tatitin and Malautong, Hongkong New Territory. Fl. ——.
11. **Q. Edithae,** *Skan* in Hook. Ic. Pl. t. 2661. On Mt. Nicholson, and Mt. Kellet, Hongkong; Tatitin, Hongkong New Territory. Fl. March.
12. **Q. iteaphylla,** *Hance* in Journ. Bot. 1884, 229. In the Happy Valley woods, at the top of the wood behind the Buddhist Temple, Causeway, Hongkong. Fl. April.
13. **Q. litseoides,** *Dunn* in Journ. Bot. 1909, 377. Lantao Island at 1000 ft. on exposed rocky slopes, Hongkong New Territory. Fl. March.
14. **Q. polystachya,** *Wall.*; Hook. f. Fl. Brit. Ind. v. 610. Mt. Nicholson, and Mt. Cameron, Hongkong; Swatow district. Fl. Spring.
15. **Q. Fabri,** *Hance* in Journ. Linn. Soc. x. 202. Lienchow River. Fl. March.
16. **Q. serrata,** *Thunb.*; Hook. f. l. c. 601. Hongkong New Territory without locality; Suikong. Fl. April.
17. **Q. Irwinii,** *Hance*; DC. Prodr. xvi. II. 84. On the southern slope of Mt. Cameron, Hongkong; Taimoshan and Maonshan, Hongkong New Territory. Fl. ——.
18. **Q. thalassica,** *Hance*; Benth. Fl. Hongk. 321. In the Happy Valley woods, Mt. Davis, Pokfulam, and Black's Link, Hongkong; Lantao Island, Hongkong New Territory; Kwaisin, Hoifung; Lienchow River; North River. Fl. August—October.
19. **Q. fenestrata,** *Roxb.*; Hook. f. l. c. 608. Mt. Kellet north, Hongkong; Lantao Island at 1500 ft., Hongkong New Territory. Fl. ——.
20. **Q. brevicaudata,** *Skan* in Hemsl. Enum. Pl. China, ii. 508. Hill near Chaochaufu. Fl. April.
21. **Q. Harlandi,** *Hance*; Benth. l. c. 321. In the Happy Valley and Little Hongkong woods, in the Sukunpo valley, and on the hills above Deepwater Bay, Hongkong; Pak-kwa-ngan village near Chaochaufu. Fl. April.
22. **Q. Hancei,** *Benth.* l. c. 322. Victoria Peak, Mt. Gough, Mt. Kellet and Little Hongkong, Hongkong; Lantao Island, Hongkong New Territory. Fl. white, April.
23. **Q. synbalanos,** *Hance* in Journ. Bot. 1884, 228. In the Happy Valley woods, and Aberdeen New Road, Hongkong;

Lantao Island, and Taimoshan, Hongkong New Territory. Fl. July.

24. **Q. Elizabethae,** *Tutcher* in Journ. Bot. 1911, 273. Mt. Victoria, Hongkong; Taiwai, Hongkong New Territory. Fl. ——.

25. **Q. attenuata,** *Skan*; *Q. Eyrei*, Hance in Journ. Bot. 1884, 229. Happy Valley woods, Hongkong. Fl. June.

2.—CASTANOPSIS.

Key to species.

1.	Leaves subsessile	1. *Fordii.*
	Leaves petiolate	2.
2.	Spines covering the fruit	3.
	Spines in ridges or tufts	7.
3.	Leaves glabrous	4.
	Leaves pubescent	5.
4.	Leaves ovate, 2–3 inches long ...	2. *Eyrei.*
	Leaves lanceolate, 5–6 inches long ...	3. *Fabri.*
5.	Leaves entire or with a few teeth at the top	6.
	Leaves repand dentate in the upper half	4. *jucunda.*
6.	Leaves broadest at or above the middle	5. *concinna.*
	Leaves broadest below the middle ...	3. *Fabri.*
7.	Spines in ridges	8.
	Spines in tufts	6. *chinensis.*
8.	Ridges of spines vertical	7. *Lamontii.*
	Ridges of spines spiral...	8. *tribuloides.*

1. **C. Fordii,** *Hance* in Journ. Bot. 1884, 230. Stream at the foot of the Phoenix Mt., Swatow; Lofoushan. Fl. April.

2. **C. Eyrei,** *Tutcher*; *Quercus Eyrei*, Champ.; Benth. Fl. Hongk. 320. In the woods east of Wongneichong, above the Little Hongkong woods, Mt. Cameron north, Mt. Gough, and on the hills between Taitam Gap and the reservoir, Hongkong. Fl. white, April.

3. **C. Fabri,** *Hance* in Journ. Bot. 1884, 230. Mt. Parker, Mt. Kellet, and Mt. Victoria, Hongkong; Lantao Island and Shalotung, Hongkong New Territory; Lofoushan. Fl. April.

4. **C. jucunda,** *Hance.* l. c. 230. Tanghashan, about 30 miles northwest of Shuikwan (Shaochaufu) N. River. Fl. ——.

5. **C. concinna,** *A.DC.*; DC. Prodr. xvi. II. 110. Happy Valley woods, and Aberdeen New Road, Hongkong; Taimoshan, Smugglers' Pass, and Taiwai, Hongkong New Territory. Fl. ——.

6. **C. chinensis,** *Hance* in Journ. Linn. Soc. x. 201. White Cloud hills, Canton; Tsingyune Pass, North River. Fl. April.

7. **C. Lamontii,** *Hance* in Journ. Bot. 1875, 368. In the Happy Valley woods, and on Mt. Parker, Hongkong; slopes of Phoenix Mt., Swatow? Fl. white, February—April.

8. **C. tribuloides,** *A.DC.*; Hook. f. Fl. Brit. Ind. v. 622. Mt. Kellet, north side, Hongkong. Fl. ——.

3.—SALIX.

Key to species.

1.	Leaves linear	1. *babylonica.*
	Leaves ovate or lanceolate	2.
2.	Leaves lanceolate, 2 inches long by ½ inch wide	2. *cantoniensis.*
	Leaves broader	3.
3.	Back of bracts glabrous	3. *Mesnyi.*
	Back of bracts woolly	4. *tetrasperma.*

1. **S. babylonica,** *Linn.*; DC. Prodr. xvi. II. 212. River bank near Chaochaufu. Fl. February.
2. **S. cantoniensis,** *Hance*; DC. l. c. 685. Canton River. Fl. February.
3. **S. Mesnyi,** *Hance* in Journ. Bot. 1882, 38. Canton; Lienchow River. Fl. January.
4. **S. tetrasperma,** *Roxb.*; Hook. f. Fl. Brit. Ind. v. 626. Muddy banks of the Canton River; Shekmun near Canton. Fl. March.

GYMNOSPERMAE.

GNETACEAE.

1.—GNETUM.

1. **G. scandens,** *Roxb.*; Benth. Fl. Hongk. 336. Little Hongkong woods, Happy Valley, Mt. Victoria, and elsewhere, Hongkong; Taimoshan, Hongkong New Territory; hill near Chaochaufu. Fl. green, June.

CONIFERAE.

Key to genera.

1.	Leaves in pairs	5. *Pinus.*
	Leaves distinct	2.
2.	Leaves short, subulate	1. *Glyptostrobus.*
	Leaves flat	3.
3.	Leaves needle-pointed	4.
	Leaves acute or blunt	3. *Podocarpus.*
4.	Leaves minutely serrate	4. *Cunninghamia*
	Leaves quite entire	2. *Cephalotaxus.*

1.—GLYPTOSTROBUS.

1. **G. heterophyllus,** *Endl.*; DC. Prodr. xvi. II. 439. Hatsun, and between Taipo and Fanling, Hongkong New Territory; Canton. Fl. ——.

2.—CEPHALOTAXUS.

1. **C. Fortunei**, *Hook.*; DC. Prodr. xvi. II. 503. Near Phoenix Mt., Swatow. Fl. April.

3.—PODOCARPUS.

Key to species.

1. Two white lines on underside of leaves	1. *argotaenia.*
Leaves green	2.
2. Leaves gradually attenuate, acuminate	2. *neriifolia.*
Leaves shortly attenuate, acute ...	3. *chinensis.*

1. **P. argotaenia**, *Hance* in Journ. Bot. 1883, 357. Mt. Parker, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; near Phoenix Mt., Swatow; Lofoushan. Fl. April.
2. **P. neriifolia**, *D. Don*; Hook. f. Fl. Brit. Ind. v. 649. Victoria Peak, Hongkong. Fl.——.
3. **P. chinensis**, *Wall.*; DC. Prodr. xvi. II. 516. Hoktsui and Mt. Victoria, Hongkong. Fl. ——.

4.—CUNNINGHAMIA.

1. **C. sinensis**, *R. Br.*; Benth. Fl. Hongk. 337. In the Happy Valley and Chaiwan, Hongkong; frequent in the Hongkong New Territory; hill near Chaochaufu; Macao. Fl. April.

5.—PINUS.

1. **P. Massoniana**, *Lambert*; *P. sinensis*, Benth. Fl. Hongk. 337. In the Happy Valley woods, and largely planted, Hongkong; frequent in the Hongkong New Territory; hills near Chaochaufu. Fl. yellow, March.

CYCADACEAE.

1.—CYCAS.

Key to species.

1. Leaf segments flat	1. *taiwaniana.*
Leaf segments revolute	2.
2. Leaflets reduced to spines below ...	2. *revoluta.*
Leaflets reduced to teeth below ...	3. *Rumphii.*

1. **C. taiwaniana**, *Carruthers* in Journ. Bot. 1893, 2. Swatow; Lofoushan. Fl. March.
2. **C. revoluta**, *Thunb.*; DC. Prodr. xvi. II. 526. Swatow. Fl. —.
3. **C. Rumphii**, *Miq.*; Dyer in Hook. f. Fl. Brit. Ind. v. 657. Swatow. Fl. ——.

MONOCOTYLEDONES.

HYDROCHARIDACEAE.

Key to genera.

1.	Freshwater herb	2.
	Salt water herb	6. *Halophila.*
2.	Stems branched	3.
	Plant stemless	4.
3.	Leaves whorled...	1. *Hydrilla.*
	Leaves scattered	2. *Lagarosiphon.*
4.	Leaves linear, sessile	5.
	Leaves ovate, petiolate	5. *Ottelia.*
5.	Leaves serrate at the tip	3. *Vallisneria.*
	Leaves acute, entire	4. *Blyxa.*

1.—HYDRILLA.

1. **H. verticillata,** *Royle*; Hook. f. Fl. Brit. Ind. v. 659. Pools along the Lienchow River. Fl. August.

2.—LAGAROSIPHON.

1. **L. Roxburghii,** *Benth.*; Hook. f. l. c. 659. Marshy pools on hills above Pat-heung, Hongkong New Territory; Lofoushan. Fl. October.

3.—VALLISNERIA.

1. **V. spiralis,** *Linn.*; Hook. f. l. c. 660. Lienchow River. Fl. December.

4.—BLYXA.

1. **B. Roxburghii,** *Rich.*; Benth. Fl. Hongk. 347. In water-courses at the racecourse, Little Hongkong, Shunwan, and Chaiwan Gap, Hongkong; near Kuntong, Hongkong New Territory; Swatow; Hoifung. Fl. white, September—January.

5.—OTTELIA.

1. **O. alismoides,** *Pers.*; Hook. f. l. c. 662. Lantao Island, Taipo, and Sanwai, Hongkong New Territory; Hoifung; Whampoa; Sanning; West River; Fukwing near Hongkong on the Canton River. Fl. white, August.

6.—HALOPHILA.

1. **H. ovata,** *Gaud.*; Hook. f. l. c. 663. Kowloon Bay, Hongkong. Fl. ——.

BURMANNIACEAE.

1.—BURMANNIA.

Key to species.

1.	Stem branched	2.
	Stem not branched	3.
2.	Flowers blue, $\frac{1}{4}$–$\frac{1}{3}$ inch long	1. *Wallichii.*
	Flowers white, $\frac{1}{6}$ inch long	2. *nepalensis.*
3.	Leaves 2–3 inches long	3. *disticha.*
	Leaves under 1 inch long	4.
4.	Flowers blue, perianth winged ...	4. *coelestis.*
	Flowers pink-brown, perianth not winged	5. *Dalzelii.*

1. **B. Wallichii,** *Hook. f.*; *Gonyanthes Wallichii,* Miers; Benth. Fl. Hongk. 364. Mt. Gough, and in a swamp at Taitam Tuk, Hongkong; Hoifung. Fl. blue, September—November.
2. **B. nepalensis,** *Hook. f.* Fl. Brit. Ind. v. 666. Lofoushan. Fl. white, August.
3. **B. disticha,** *Linn.*; Hook. f. l. c. 664. Hongkong without locality; Kwaisin, Hoifung; Szetseshan, Sanning; Shuihing Pass on the West River. Fl. blue, May—August.
4. **B. coelestis,** *D. Don*; Hook. f. l. c. 665. Near Sheungshui, Hongkong New Territory; foot of the White Cloud hills, Canton; Lienchow River; Shuikwan (Shaochaufu) River. Fl. blue, October—December.
5. **B. Dalzieli,** *Rendle* in Journ. Bot. 1902, 311. Near Canton. Fl. pink-brown, July.

ORCHIDACEAE.

Key to genera.

1.	Inflorescence at the apex of the young growth	2.
	Inflorescence not at the apex of the young growth	24.
2.	Plant with evergreen stems or leaves, or both	3.
	Plant with deciduous stems or leaves	17.
3.	Plant with distinct false bulbs ...	4.
	Plant without false bulbs	8.
4.	Inflorescence erect	5.
	Inflorescence drooping	7.
5.	Petals 7 lines long	6. *Eria.*
	Petals less than 7 lines long	6.
6.	Column elongated, lip entire	2. *Liparis.*
	Column short, lip 3-lobed	1. *Microtylis.*
7.	Sepals 10 lines long or more	13. *Coelogyne.*
	Sepals 6 lines long or less	14. *Pholidota.*
8.	Stems erect or none	9.
	Stems creeping	12.

9.	Petals more than 1 inch long	10.
	Petals less than ½ inch long	11.
10.	Stems more than 1 ft. long	16. *Arundina.*
	Stems none or very short	44. *Paphiopedilum.*
11.	Leaves distichous	26. *Appendicula.*
	Leaves not distichous	36. *Goodyera, etc.*
2.	Lip not spurred...	13.
	Lip spurred	15.
13.	Lip clawed	35. *Haemaria.*
	Lip sessile	14.
14.	Sepals united	34. *Cheirostylis.*
	Sepals free	36. *Goodyera.*
15.	Lip clawed	31. *Anoectochilus.*
	Lip sessile	16.
16.	Column with 2 processes descending into the spur	32. *Vrydagzynia.*
	Column without 2 processes descending into the spur	30. *Physurus.*
17.	Lip not spurred	18.
	Lip spurred	22.
18.	Flowers arranged into a distinct spiral	29. *Spiranthes.*
	Flowers not arranged in a spiral ...	19.
19.	Petals 1 inch long	10. *Bletia.*
	Petals less than 1 inch long	20.
20.	Leaves radical	42. *Habenaria.*
	Leaves cauline	21.
21.	Petals 2½ lines long	33. *Zeuxine.*
	Petals ¾ inch long	39. *Pogonia.*
22.	Spur vesicular	23.
	Spur not vesicular	42. *Habenaria.*
23.	Lip equally 3-lobed	43. *Glossula.*
	Lip unequally 3-lobed	40. *Peristylus.*
24.	Plant with evergreen stems or leaves, or both	25.
	Plant with deciduous stems and leaves	46.
25.	Plant with distinct false bulbs ...	26.
	Plant without distinct false bulbs ...	35.
26.	Leaves large, over 6 inches long ...	27.
	Leaves under 6 inches long	29.
27.	Sepals and petals 2 inches long ...	9. *Phaius.*
	Sepals and petals under 2 inches long	28.
28.	Leaves several	15. *Calanthe.*
	Leaf one	12. *Tainia.*
29.	Inflorescence umbellate or 1-flowered	30.
	Inflorescence not umbellate	32.
30.	Plant minute	6. *Eria.*
	Plant not minute	31.
31.	Sepals nearly equal; inflorescence sometimes 1-flowered	4. *Bulbophyllum.*
	Dorsal sepal much shorter than the lateral	5. *Cirrhopetalum.*
32.	Leaf one	33.
	Leaves more than one	6. *Eria.*

33. Inflorescence in a sheath with the young growth	11. *Nephelaphyllum.*
Inflorescence not in a sheath	34.
34. Flowers large	3. *Dendrobium.*
Flowers minute...	27. *Thelasis.*
35. Leaves radical	36.
Leaves cauline	37.
36. Leaves thin, broad	36a.
Leaves rather thick, linear	18. *Cymbidium.*
36a. Leaves 1 to 3, 3-nerved	38. *Cryptostylis.*
Leaves several, more than 3-nerved ...	15. *Calanthe.*
37. Leaves distichous	38.
Leaves not distichous	11. *Nephelaphyllum.*
38. Leaves 6–8 inches long, at least 1½ inches broad	39.
Leaves either shorter or narrower ...	40.
39. Leaves thick and leathery	22. *Acampe.*
Leaves thin and plicate	15. *Calanthe.*
40. Inflorescence panicled, 1 ft. long ...	26. *Ornithochilus.*
Inflorescence much shorter	41.
41. Lip spurred or saccate...	42.
Lip not spurred	45.
42. Flowers large, showy	3. *Dendrobium.*
Flowers small	43.
43. Spur of lip divided or almost closed ...	44.
Spur of lip not divided or closed, saccate	28. *Tropidia.*
44. Spur of lip divided internally ...	23. *Sarcanthus.*
Spur of lip almost closed with a callus	24. *Cleisostoma.*
45. Flowers distichous; rachis flat and pectinate	21. *Sarcochilus.*
Rachis not flat and pectinate	20. *Diploprora.*
46. Leaves cordate or reniform	39. *Pogonia.*
Leaves not cordate or reniform ...	47.
47. Scapes stout	48.
Scapes slender	49.
48. Scapes 2 ft. high or more	17. *Eulophia.*
Scapes 1 ft. high or less	19. *Geodorum.*
49. Flowers in a 1-sided spike	7. *Pachystoma.*
Flowers not in a 1-sided spike ...	8. *Spathoglottis.*

1.—MICROSTYLIS.

1. **M. congesta,** *Reichb. f.*; *Dienia congesta,* Lindl.; Benth. Fl. Hongk. 352. Mt. Victoria and Mt. Nicholson, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; Swatow. Fl. yellowish-green or purple, June.

2.—LIPARIS.

Key to species.

1. Leaves lanceolate	2.
Leaves ovate or oblong	4.
2. Pseudobulbs 1 inch long	3.
Pseudobulbs 4–6 inches long	1. *longipes.*

3. Leaves 1 or 2, 5-nerved, 6 inches long, ¾ inch broad	2. *chloroxantha.*
Leaf 1, 3-nerved, 5 inches long, 1 inch broad	3. *plicata.*
4. Pseudobulbs small, underground ...	4. *odorata.*
Pseudobulbs 2 or 3 inches long or more	5. *nervosa.*

1. **L. longipes,** *Lindl.*; Benth. Fl. Hongk. 352. In clefts of rocks on Victoria Peak, Mt. Nicholson and Mt. Parker, Hongkong; Taimoshan, Hongkong New Territory; Lofoushan. Fl. yellowish-white, September.
2. **L. chloroxantha,** *Hance* in Journ. Bot. 1883, 231. Mt. Parker, Hongkong; Maönshan, Hongkong New Territory; top of Phoenix Mt., Swatow. Fl. yellowish-green, December—March.
3. **L. plicata,** *Franch. et Savat.* Enum. Pl. Japon. ii. 509. Hongkong without locality. Fl. yellowish-green, ——.
4. **L. odorata,** *Lindl.*; Benth. Fl. Hongk. 352. Hongkong without locality; Lantao Island and Kowloon City Gap, Hongkong New Territory. Fl. yellow, June.
5. **L. nervosa,** *Lindl.*; Benth. l. c. 352. In clefts of rocks, Victoria Peak, and on Mt. Parker, Hongkong; Maönshan, Hongkong New Territory; by streams on the slopes of the Phoenix Mt., Swatow. Fl. greenish-purple, April.

3.—DENDROBIUM.

Key to species.

1. Flowers rose-coloured or partly so ...	2.
Flowers white, green or yellow ...	3.
2. Flowers rose-coloured; pseudobulbs 1 ft. long or more	1. *aduncum.*
Flowers rose and yellow; pseudobulbs less than 6 inches long	2. *Loddigesii.*
3. Flowers white and green	3. *moniliforme.*
Flowers yellow; pseudobulbs short, thick	4. *aggregatum.*

1. **D. aduncum,** *Wall.*; Hook. f. Fl. Brit. Ind. v. 730. Lienchow River; Lofoushan. Fl. rose-coloured, June.
2. **D. Loddigesii,** *Rolfe* in Gard. Chron. 1887, II. 155. 150 miles northwest of Canton, on rocks. Fl. rose and yellow, May.
3. **D. moniliforme,** *Sw.*; *Epidendrum monile*, Thunb. Fl. Jap. 30. By streams on the slopes of the Phoenix Mt., Swatow. Fl. white and green, April.
4. **D. aggregatum,** *Roxb.*; Hook. f. Fl. Brit. Ind. v. 749. Lofoushan. Fl. yellow, June.

4.—BULBOPHYLLUM.

Key to species.

1. Pseudobulbs 1½ to 2 inches long; scape 1-flowered	1. *Watsonianum.*
Pseudobulbs ½ to 1 inch long; scape several-flowered	2.

2.	Flowers long-pedicelled	2. *radiatum.*
	Flowers very short-pedicelled... ...	3. *odoratissimum.*

1. **B. Watsonianum,** *Reichb. f.*; *Eria ambrosia,* Hance in Journ. Bot. 1883, 232. Not uncommon on rocks, Victoria Peak, Hongkong; Lantao Island, Hongkong New Territory; slopes of the Phoenix Mt., Swatow. Fl. white with purple veins, March.
2. **B. radiatum,** *Lindl.*; Benth. Fl. Hongk. 353. Victoria Peak, Hongkong; Lantao Island, Hongkong New Territory. Fl. white, June.
3. **B. odoratissinum,** *Lindl.*; Hook. f. Fl. Brit. Ind. v. 758. Taimoshan, Hongkong New Territory. Fl. yellowish-white, May.

5.—CIRRHOPETALUM,

Key to species.

1.	Leaves 1–1½ inches long	1. *tigridum.*
	Leaves 3–6 inches long	2.
2.	Lateral sepals 2 inches long	2. *delitescens.*
	Lateral sepals ½–1 inch long	3.
3.	Lateral sepals ½ inch long; leaves 5–6 inches long...	3. *Fordii.*
	Lateral sepals 1 inch long; leaves 3 inches long	4. *bicolor.*

1. **C. tigridum.** *Rolfe*; *Bulbophyllum tigridum,* Hance in Journ. Bot. 1883, 232. Taimoshan on granite rocks at 2800 ft., Hongkong New Territory; Lofoushan at 3000 ft. Fl. purplish yellow, August—December.
2. **C. delitescens,** *Rolfe* in Gard. Chron. 1882, II. 461. Victoria Peak, and on hills above Repulse Bay, Hongkong; Taimoshan at 1500 ft., Hongkong New Territory. Fl. yellow and purple, August.
3. **C. Fordii,** *Rolfe* in Kew Bull. 1896, 193. Lienchow River; North River. Fl. yellowish purple, August.
4. **C. bicolor,** *Rolfe*; *Bulbophyllum bicolor,* Lindl. Gen. et Sp. Orch. 49. Hongkong without locality; Taimoshan, Hongkong New Territory. Fl. purple and yellow, May.

6.—ERIA.

Key to species.

1.	Plant minute; peduncles 3–5 lines long	1. *sinica.*
	Plant not minute	2.
2.	Scape from side of pseudobulb or terminal	3.
	Scape from base of pseudobulb ...	3. *flava.*
3.	Inflorescence out of side of pseudobulb	2. *Corneri.*
	Inflorescence terminal	4. *rosea*

1. **E. sinica**, *Lindl.*; *E. pusilla*, Benth. Fl. Hongk. 353. On bare rocks on the top of Mt. Victoria, and in similar places on Mt. Parker, Hongkong. Fl. yellowish-green, November—April.
2. **E. Corneri**, *Reichb. f.* in Gard. Chron. 1878, II. 106. Ravine on the southwest slope of Mt. Parker, Hongkong; Taimoshan at 1500 ft., Hongkong New Territory; streams at the foot of the Phoenix Mt., Swatow; Lofoushan. Fl. yellowish-white, August.
3. **E. flava**, *Lindl.*; Hook. f. Fl. Brit. Ind. v. 801. Near Stanley and on Mt. Parker, Hongkong; Hongkong New Territory without locality; Swatow. Fl. pale yellow, July—September.
4. **E. rosea**, *Lindl.*; Benth. Fl. Hongk. 353. On rocks on the top of Mt. Gough, Hongkong. Fl. pink, February.

7.—PACHYSTOMA.

1. **P. chinense**, *Reichb. f.*; Benth. l. c. 356. Mt. Kellet, Mt. Gough, Taitam Tuk and Repulse Bay, Hongkong; Macao. Fl. purple and green, April.

8.—SPATHOGLOTTIS.

1. **S. pubescens**, *Lindl.*; *S. Fortunei*, Lindl.; Benth. l. c. 355. Very common on grassy hills, Hongkong. Fl. yellow, July.

9.—PHAIUS.

1. **P. grandifolius**, *Lour.*; Benth. l. c. 355. Common by the sides of streams, Hongkong; near Taipo, Hongkong New Territory; riverside near Yit-hai village, Han valley. Fl. white outside, cinnamon-brown inside, lip with purple markings, April.

10.—BLETIA.

1. **B. hyacinthina**, *R. Br.*; *Cymbidium hyacinthinum*, Sm.; Bot. Mag. t. 1492. Lienchow River. Fl. rosy purple, March.

11.—NEPHELAPHYLLUM.

Key to species.

Leaves about 2 inches long, cordate ...	1. *cristatum*.
Leaves 3½ to 5 inches long, ovate ...	2. *chinense*.

1. **N. cristatum**, *Rolfe* in Kew Bull. 1896, 194. Mt. Gough, Hongkong. Fl. green and purple, June.
2. **N. chinense**, *Rolfe* l. c. 194. Swatow; Tingushan on the West River. Fl. greenish white, August.

12.—TAINIA.

Key to species.

Leaves lanceolate, 1–1½ inches broad	1. *hongkongensis.*
Leaves elliptical, at least 2 inches broad	2. *macrantha.*

1. **T. hongkongensis**, *Rolfe*; *Ania angustifolia*, Benth. Fl. Hongk. 356. Happy Valley woods, Mt. Parker, Mt. Gough, and above Little Hongkong, Hongkong; Maönshan, Hongkong New Territory; Swatow. Fl. greenish purple, April.
2. **T. macrantha**, *Hook. f.* in Hook. Ic. Pl. t. 1860. Lofoushan at 3100 ft. Fl. August.

13.—COELOGYNE.

Key to species.

Plant with evergreen leaves	1. *fimbriata.*
Plant with deciduous leaves	2. *pogonoides.*

1. **C. fimbriata**, *Lindl.*; Benth. Fl. Hongk. 354. Common on Mt. Victoria, Mt. Nicholson, and elsewhere, Hongkong; Lantao Island, Hongkong New Territory; Lanfa Mt., Hoifung; near Canton. Fl. yellow, October.
2. **C. pogonoides**, *Rolfe* in Kew Bull. 1896, 196. Swatow. Fl. pink, April.

14.—PHOLIDOTA.

Key to species.

Leaves linear, ⅓ inch broad	1. *cantonensis.*
Leaves elliptical, 2 inches broad ...	2. *chinensis.*

1. **P. cantonensis**, *Rolfe* in Kew Bull. 1896, 196. Swatow; North River. Fl. lemon-coloured, November.
2. **P. chinensis**, *Lindl.*; Benth. Fl. Hongk. 354. Common on Victoria Peak, and elsewhere, Hongkong; Taimoshan, Hongkong New Territory; slopes of the Phoenix Mt., Swatow. Fl. white, April.

15.—CALANTHE.

Key to species.

1.	Flowers yellow	2.
	Flowers white or purple	3.
2.	Inflorescence loose	1. *gracilis.*
	Inflorescence dense	2. *curculigoides.*
3.	Flowers white; leaves petioled ...	3. *veratrifolia.*
	Flowers purple; leaves subsessile ...	4. *Masuca.*

1. **C. gracilis**, *Lindl.*; *Limatodes gracilis*, Lindl.; Benth. Fl. Hongk. 359. On Victoria Peak, and Mt. Parker, Hongkong. Fl. yellow, December.
2. **C. curculigoides**, *Wall.*; Hook. f. Fl. Brit. Ind. v. 854. Mt. Parker north, Hongkong. Fl. yellow, October.

3. **C. veratrifolia**, *R. Br.*; Hook. f. l. c. 851. Deepwater Bay and Mt. Nicholson, Hongkong; Lantao Island at 2000 ft., Hongkong New Territory. Fl. white, July.
4. **C. Masuca**, *Lindl.*; Hook. f. l. c. 850. Victoria Peak, Hongkong; wet places in woods at 2000 ft. Kwangtung without locality. Fl. purple, September.

16.—ARUNDINA.

1. **A. chinensis**, *Blume*; Benth. Fl. Hongk. 355. Common on the tops of hills and near streams, Hongkong; near streams on the hills north of Kowloon City, Hongkong New Territory; Macao. Fl. rose-coloured with deep purple lip, August.

17.—EULOPHIA.

Key to species.

Sepals $\frac{1}{3}$ inch long	1. *sinensis.*
Sepals $1\frac{1}{4}$ inches long	2. *flava.*

1. **E. sinensis**, *Miq.* in Journ. Bot. Néerl. i. 91. Fukwing near Hongkong on the Canton River in grassy places. Fl. pale violet, Summer.
2. **E. flava**, *Hook. f.*; *Cyrtopera flava*, Lindl.; Benth. Fl. Hongk. 357. Hills above Repulse Bay, Hongkong; Lantao Island, Hongkong New Territory. Fl. yellow, May.

18.—CYMBIDIUM.

1. **C. ensifolium**, *Sw.*; Benth. l. c. 357. On hills above Sookunpo and Bowen Road, Hongkong; Lantao Island at 2000 ft., Hongkong New Territory; Macao; Lienchow River. Fl. yellowish with purple streaks, June.

19.—GEODORUM.

Key to species.

Peduncle decurved; spikes not corymbose	1. *dilatatum.*
Peduncle erect; spikes corymbose ...	2. *semicristatum.*

1. **G. dilatatum**, *R. Br.*; Hook. f. Fl. Brit. Ind. vi. 17. Near the Government Offices, on the roadside between Taitam Gap and the reservoir, and near Sheko, Hongkong; on the south side of the Kowloon range of hills, Hongkong New Territory. Fl. white or purple, July.
2. **G. semicristatum**, *Lindl.*; *Tropidia grandis*, Hance in Journ. Linn. Soc. xiii. 128. In the Happy Valley woods, Hongkong. Fl. white, July.

20.—DIPLOPRORA.

1. **D. Championi,** *Hook. f.*; *Cottonia Championi,* Lindl.; Benth. Fl. Hongk. 357. Victoria Peak, and on rocks near waterfall, Happy Valley woods, Hongkong; Ngchungshan, near Hongkong. Fl. pale yellow, March.

21.—SARCOCHILUS.

1. **S. hainanensis,** *Rolfe* in Kew Bull. 1896, 199. Hongkong without locality. Fl. light yellow, August.

22.—ACAMPE.

1. **A. multiflora,** *Lindl.*; Benth. Fl. Hongk. 358. Common on rocks in ravines, Hongkong; Lantao Island, Hongkong New Territory. Fl. yellow with red dots, August.

23.—SARCANTHUS.

Key to species.

1.	Leaves flat, more than $\frac{1}{4}$ inch broad ...	2.
	Leaves terete, less than $\frac{1}{12}$ inch broad	3.
2.	Leaves emarginate	1. *cerinus.*
	Leaves acuminate	2. *Fordii.*
3.	Spur of lip 1 line long	3. *hongkongensis.*
	Spur of lip $2\frac{1}{2}$ lines long	4. *teretifolius.*

1. **S. cerinus,** *Rolfe*; *Cleisostoma cerinum,* Hance in Journ. Bot. 1882, 359. Lofoushan. Fl. ——.
2. **S. Fordii,** *Rolfe*; *Cleisostoma Fordii,* Hance l. c. 1876, 45. Taitam Tuk, Hongkong. Fl. rosy purple, July.
3. **S. hongkongensis,** *Rolfe* in Kew Bull. 1898, 198. Hongkong without locality. Fl. pale lilac with bright purple lip, —.
4. **S. teretifolius,** *Lindl.*; Bot. Mag. t. 3571. On Victoria Peak, Hongkong; Maönshan, Hongkong New Territory. Fl. purple, October.

24.—CLEISOSTOMA.

1. **C. virginale,** *Hance* in Journ. Bot. 1877, 38. Wongneichong, Hongkong; on the bank of the Han River, Swatow. Fl. greenish purple, August.

25.—ORNITHOCHILUS.

1. **O. fuscus,** *Wall.*; Hook. f. Fl. Brit. Ind. vi. 76. Lofoushan. Fl. yellow, June.

26.—APPENDICULA.

1. **A. bifaria,** *Lindl.*; Benth. Fl. Hongk. 358. Mt. Parker, and Mt. Gough, Hongkong; Maönshan, Hongkong New Territory; Swatow. Fl. white, October.

27.—THELASIS.

1. **T. hongkongensis**, *Rolfe* in Kew Bull. 1896, 199. Near Cape d'Aguilar, Hongkong. Fl. ——, August.

28.—TROPIDIA.

1. **T. hongkongensis**, *Rolfe*; *T. curculigoides*, Benth. Fl. Hongk. 359. In the Happy Valley woods, Causeway Bay, Mt. Parker, and Little Hongkong, Hongkong. Fl. greenish white, August.

29.—SPIRANTHES.

1. **S. australis**, *Lindl.*; Benth. l. c. 360. Common in marshy places, Hongkong; stream near Chaochaufu. Fl. white tinged with pink, April.

30.—PHYSURUS.

1. **P. chinensis**, *Rolfe* in Kew Bull. 1896, 200. Lienchow River. Fl. white? August.

31.—ANOECTOCHILUS.

1. **A. Roxburghii**, *Lindl.*; Hook. f. Fl. Brit. Ind. vi. 95. West River; Lofoushan. Fl. white.

32.—VRYDAGZYNIA.

1. **V. nuda**, *Blume*, Coll. Orch. Archip. Ind. 74. Mt. Parker, Hongkong. Fl. yellow, ——.

33.—ZEUXINE.

1. **Z. sulcata**, *Lindl.*; Benth. Fl. Hongk. 360. Victoria Peak, Glenealy and East Point in damp places, Hongkong; on a grassy bank at Helen's Point, Hebe Haven, Hongkong New Territory; Swatow. Fl. white, March.

34.—CHEIROSTYLIS.

1. **C. flabellata**, *Wight*; Hook. f. Fl. Brit. Ind. vi. 105. Mt. Parker, Hongkong. Fl. white, March.

35.—HAEMARIA.

1. **H. discolor**, *Lindl.*; Benth. Fl. Hongk. 361. On rocks in ravines of the Happy Valley and Mt. Victoria, Hongkong; Kwangtung without locality. Fl. white, April.

36.—GOODYERA.

Key to species of *Goodyera* (No. 36) and *Hetaeria* (No. 37).

1.	Sepals 1–1½ lines long	2.
	Sepals 4–7 lines long	3.

2. Leaves 2 inches long	*H. cristata.*
Leaves 4–6 inches long (with petiole)	*G. procera.*
3. Leaves 1 inch long	*G. Schlechtendaliana.*
Leaves 3–7 inches long	4.
4. Leaves 3 inches long; spikes lax ...	*G. foliosa.*
Leaves 5–7 inches long; spike dense...	*G. nebularum.*

1. **G. procera,** *Hook.*; Benth. Fl. Hongk. 360. In damp places in the Happy Valley woods, and near Shaukiwan, Hongkong; Lantao Island and Kanghau, Hongkong New Territory; stream near Chaochaufu; Macao. Fl. white, April.
2. **G. Schlechtendaliana,** *Reichb. f.*; *G. secundiflora*, Griff.; Hook. f. Fl. Brit. Ind. vi. 113. Swatow. Fl. white, August.
3. **G. foliosa,** *Benth.*; Hook. f. l. c. 113. Lofoushan. Fl. white, September.
4. **G. nebularum,** *Rolfe*; *Cystorchis nebularum*, Hance in Journ. Bot. 1883, 232. On the top of the Lofoushan Mts. Fl. September.

37.—HETAERIA.

1. **H. cristata,** *Blume*, Coll. Orch. Archip. Ind. 103. Near Sheko, Hongkong; Kwangtung without locality. Fl. white, August.

38.—CRYPTOSTYLIS.

1. **C. Arachnites,** *Blume*; Hook. f. Fl. Brit. Ind. vi. 118. In the ravine behind Taihang village, Hongkong. Fl. pink and green, March.

39.—POGONIA.

Key to species.

1. Leaves lanceolate	1. *ophioglossoides.*
Leaves cordate or reniform	2.
2. Leaves cordate	2. *Fordii.*
Leaves reniform	3. *pulchella.*

1. **P. ophioglossoides,** *Ker* in Bot. Reg. ii. t. 148. Lofoushan at 2500 ft. Fl. pink, May.
2. **P. Fordii,** *Hance* in Journ. Bot. 1885, 247. Lofoushan. Fl. green with purple streaks, May.
3. **P. pulchella,** *Hook. f.* in Bot. Mag. t. 6851. Little Hongkong and Taitam Tuk, Hongkong. Fl. yellow and pink, May.

40.—PERISTYLUS.

Key to species.

1. Leaves all radical or nearly so ...	1. *chloranthus.*
Leaves all cauline	2.
2. Leaves ovate or lanceolate, under 2 inches long	2. *Sampsoni.*
Leaves elliptic, 3–5 inches long ...	3. *goodyeroides.*

1. **P. chloranthus**, *Lindl.*; *Habenaria lacertifera*, Benth. Fl. Hongk. 362. Common on damp banks, Hongkong. Fl. light green, August.
2. **P. Sampsoni**, *Hance* in Journ. Bot. 1868, 371. On a grassy bank on the White Cloud hills, Canton. Fl. white, May.
3. **P. goodyeroides**, *Lindl.*; *Habenaria goodyeroides*, D. Don; Hook. f. Fl. Brit. Ind. vi. 161. Hongkong without locality; Lienchow River. Fl. yellowish-green, July.

41.—PLATANTHERA.

Key to species of *Platanthera* and *Habenaria* (No. 42).

1.	Spur of lip shorter than the ovary or 0	2.
	Spur of lip as long as the ovary or longer	4.
2.	Spur of lip none	1. *H. reniformis.*
	Spur of lip shorter than the ovary ...	3.
3.	Labellum 5 lines long	*P. obcordata.*
	Labellum 2 lines long	*P. stenostachya.*
4.	Spur of lip as long as the ovary ...	*P. interrupta.*
	Spur of lip longer than the ovary ...	5.
5.	Lateral lobes of lip fringed	6.
	Lateral lobes of lip entire	7.
6.	Spur $1\frac{1}{2}$–2 inches long, clavate ...	2. *H. Miersiana.*
	Spur 3–4 inches long, linear	*P. Susannae.*
7.	Spur of lip $2\frac{1}{2}$–$3\frac{3}{4}$ inches long; flowers white	3. *H. Fordii.*
	Spur of lip under $2\frac{1}{2}$ inches long ...	8.
8.	Spur of lip $1\frac{1}{4}$–$1\frac{1}{2}$ inches long, linear; flowers orange-red	4. *H. rhodocheila.*
	Spur of lip under $1\frac{1}{4}$ inches long ...	9.
9.	Spur of lip 1 inch long, clavate ...	5. *H. acuifera.*
	Spur of lip under 1 inch long... ...	10.
10.	Spur of lip $\frac{1}{2}$ inch long, clavate, tip blunt	6. *H. leptoloba*
	Spur of lip $\frac{1}{2}$ inch long, linear, tip acute	*P. mandarinorum.*
11.	Spike oval, dense, 2 inches long ...	7. *H. endothrix.*
	Spike cylindric, lax, 6–12 inches long	8. *H. ciliolaris.*

1. **P. obcordata**, *Lindl.*; *Habenaria Galeandra*, Benth. Fl. Hongk. 363. Victoria Peak, and Cape d'Aguilar, Hongkong; Lantao Island, Hongkong New Territory. Fl. white variegated with lilac, June.
2. **P. stenostachya**, *Lindl.*; *Habenaria stenostachya*, Benth. l. c. 362. Victoria Peak, Hongkong; Lantao Island, Hongkong New Territory. Fl. greenish, June.
3. **P. interrupta**, *Maxim.* in Bull. Acad. Sc. St. Peterb. xxxi. 106. Lantao Island, Hongkong New Territory; river bank near Chaochaufu. Fl. green, May.
4. **P. Susannae**, *Lindl.*; *Habenaria Susannae*, R. Br.; Benth. l. c. 363. On the top of Mt. Victoria and Mt. Parker, Hongkong; Fookwing, Canton River near Hongkong. Fl. white, July.
5. **P. mandarinorum**, *Reichb.*; *P. oreades*, Franch. et Savat. Enum. Pl. Jap. ii. 514. Taimoshan, Hongkong New Territory. Fl. yellow, March.

42.—HABENARIA.

For key to species see *Platanthera* (No. 41).

1. **H. reniformis**, *Hook. f.*; *Aopla reniformis*, Lindl.; Benth. Fl. Hongk. 363. Mt. Gough south, Hongkong; Chinglamshe, Hongkong New Territory; White Cloud hills, near Canton. Fl. green, July.
2. **H. Miersiana**, *Champ.*; Benth. l. c. 363. Happy Valley, Victoria Peak and Mt. Parker, Hongkong; Saikung road, Hongkong New Territory; White Cloud hills near Canton; Macao; Lienchow River. Fl. white, September.
3. **H. Fordii**, *Rolfe* in Kew Bull. 1896, 202. Kwangtung without locality. Fl. white, ——.
4. **H. rhodocheila**, *Hance* in Ann. Sc. Nat. sér. 5. v. 243. Little Hongkong, Hongkong; Hoifung; North River on rocks; Lofoushan. Fl. orange-red, August.
5. **H. acuifera**, *Lindl.*; *H. linguella*, Lindl.; Benth. l. c. 362. On Mt. Victoria, and elsewhere, Hongkong; Fautimum, Hongkong New Territory; Lofoushan. Fl. yellow, July.
6. **H. leptoloba**, *Benth.* l. c. 362. Little Hongkong, Hongkong; Chunghingka on the West River. Fl. yellow, August.
7. **H. endothrix**, *Miq.* Journ. Bot. Néerl. i. 92. Hoan, near Hongkong, 15 miles north of Mirs Bay. Fl. ——.
8. **H. ciliolaris**, *Kranzl.* in Engl. Jahrb. xvi. 169. In Little Hongkong woods, Hongkong. Fl. green, August.

43.—GLOSSULA.

1. **G. tentaculata**, *Lindl.*; *Glossaspis tentaculata*, Spreng.; Benth. Fl. Hongk. 361. Taitam Tuk, Bowen Road, and common in moist situations, Hongkong; hills east of Kowloon City, Hongkong New Territory; Canton; Ngchungshan near Hongkong; Lienchow River; Maisaou; Lofoushan. Fl. green, November.

44.—PAPHIOPEDILUM.

1. **P. purpuratum**, *Pfitz.*; *Cypripedium purpuratum*, Lindl.; Benth. Fl. Hongk. 364. Ravines in the Happy Valley, above Little Hongkong, Mt. Cameron, Mt. Nicholson, and Mt. Parker, Hongkong; Maönshan, Hongkong New Territory; Ngchungshan, near Hongkong. Fl. white and purple, December.

SCITAMINEAE.

Key to genera.

1.	Leaves radical	2.
	Leaves cauline	6.
2.	Leaves sheathing, forming a thick stem	8. *Musa.*
	Leaves not forming a thick stem ...	3.

3. Inflorescence from the side of the petiole	6. *Phrynium.*
Inflorescence not from the side of the petiole	4.
4. Flowers appearing before the leaves ...	2. *Curcuma.*
Flowers not appearing before the leaves	5.
5. Leaves suborbicular, subsessile ...	1. *Kaempferia.*
Leaves elliptic-lanceolate, petiolate ...	5. *Alpinia.*
6. Inflorescence radical	3. *Zingiber.*
Inflorescence cauline	7.
7. Leaves 3 or 4 inches long	1. *Kaempferia.*
Leaves 6 inches long or more	8.
8. Lip suborbicular, 2–3 inches across ...	4. *Costus.*
Lip not suborbicular, less than 2 inches across	9.
9. Three staminodes petaloid, equal and linear	7. *Canna.*
One staminode formed into a lip, two others much smaller	5. *Alpinia.*

1.—KAEMPFERIA.

Key to species.

Leaves cauline	1. *coenobialis.*
Leaves radical	2. *Galanga.*

1. **K. coenobialis**, *C. H. Wright*; *Monolophus coenobialis*, Hance in Journ. Bot. 1870, 75. North River. Fl. yellow, August.
2. **K. Galanga**, *Linn.*; Hook f. Fl. Brit. Ind. vi. 219. Whampoa, near Canton. Fl. white and lilac, ——.

2.—CURCUMA.

1. **C. pallida**, *Lour.* Fl. Cochinch, 9. Canton. Fl. whitish yellow, ——.

3.—ZINGIBER.

Key to species.

1. Spike sessile or nearly so	2.
Spike not sessile	3.
2. Leaves glabrous on both sides ...	1. *striolatum.*
Leaves pubescent on under side ...	2. *confine.*
3. Flowers in a slender, lax spike ...	3. *integrilabrum.*
Flowers in a dense, stout spike ...	4.
4. Leaves 1 inch wide	4. *officinale.*
Leaves 2–4 inches wide	5. *Zerumbet.*

1, **Z. striolatum**, *Diels* in Engl. Jahrb. xxix. 262. North River. Fl. whitish, November.
2. **Z. confine**, *Miq.* Journ. Bot. Néerl. i. 94. Cult. near Fookwing, Canton River near Hongkong; Kwangtung without locality. Fl. ——, December.

3. **Z. integrilabrum,** *Hance* in Journ. Bot. 1882, 80. On the ledge of a rock on Mt. Gough, Hongkong. Fl. ——, April to October.
4. **Z. officinale,** *Rosc.*; Baker in Hook. f. Fl. Brit. Ind. vi. 246. Lienchow River; widely cultivated in Kwangtung. Fl. green and purple, October.
5. **Z. Zerumbet,** *Rosc.*; Baker in Hook. f. l. c. 247. Taitam Tuk, and Deepwater Bay. Hongkong; Tingushan on the West River. Fl. white, with pale yellow lip, July.

4.—COSTUS.

1. **C. speciosus,** *Sm.*; Baker in Hook. f. l. c. 249. North River. Fl. white, August.

5.—ALPINIA.

Key to species.

1.	Leaves radical	1. *pumila.*
	Leaves cauline	2.
2.	Flower bud enclosed in a large membranous bracteole	7.
	Flower bud not enclosed in a large membranous bracteole	3.
3.	Flowers more than 1 inch long ...	4.
	Flowers less than 1 inch long ...	5.
4.	Lip full 1 inch long, base not spurred	3. *oxyphylla.*
	Lip more than 1 inch long, base spurred	4. *calcarata.*
5.	Bracts scarious and persistent ...	5. *stachyodes.*
	Bracts not scarious and persistent ...	6.
6.	Flowers nearly 1 inch long	8.
	Flowers 8 lines long	7. *chinensis.*
7.	Leaf margin densely downy	2. *nutans.*
	Leaves quite glabrous	8. *formosana.*
8.	Flowers in a panicle	6. *Galanga.*
	Flowers in a raceme	9. *japonica.*

1. **A. pumila,** *Hook. f.* Bot. Mag. t. 6832. Lofoushan. Fl. pink, April.
2. **A. nutans,** *Rosc.*; Benth. Fl. Hongk. 348. In ravines of Mt. Victoria, Mt. Gough, Sheko, and elsewhere, Hongkong; Lamtsun, Hongkong New Territory; Liu-ng, Swatow. Fl. whitish pink with a yellow and crimson lip, April.
3. **A. oxyphylla,** *Miq.* in Journ. Bot. Néerl. i. 93. Hoan. Fl.—
4. **A. calcarata,** *Rosc.*; Baker in Hook. f. Fl. Brit. Ind. vi. 254. Hongkong without locality. Fl. greenish white with lip spotted and striped with yellow, May.
5. **A. stachyodes,** *Hance* in Journ. Linn. Soc. xiii. 126. In the Happy Valley woods, and Mt. Gough, Hongkong. Fl. whitish, May.
6. **A. Galanga,** *Willd.*; Benth. Fl. Hongk. 348. Victoria Peak, and Deepwater Bay, Hongkong; White Cloud hills, Canton. Fl. white with purple lip, June.

7. **A. chinensis**, *Rosc.*; Benth. l. c. 349. Mt. Victoria, and the Happy Valley woods, Hongkong; Lantao Island, Hongkong New Territory. Fl. white with purple lip, May.
8. **A. formosana**, *K. Schum.* in Engl. Pflanzenr. Zingib. 340. At Little Hongkong, Hongkong. Fl. whitish pink with a yellow and crimson lip, May.
9. **A. japonica**, *Miq.*; K. Schum. l. c. 320. Top of the Phoenix Mt., Swatow. Fl. white, April.

6.—PHRYNIUM.

Key to species.

Corolla segments longer than the tube	1. *capitatum.*
Corolla segments shorter than the tube	2. *parviflorum.*

1. **P. capitatum**, *Willd.*; Baker in Hook. f. Fl. Brit. Ind. vi. 258. Near Chaochaufu; Fookwing near Hongkong, on the Canton River; West River. Fl. purple, April.
2. **P. parviflorum**, *Roxb.*; Baker in Hook. f. l. c. 259. Lofoushan; West River. Fl. yellow with a red lip, May.

7.—CANNA.

1. **C. indica**, *Linn.*; Benth. Fl. Hongk. 349. Near streams and in waste places, Hongkong. Fl. red or yellow, summer.

8.—MUSA.

1. **M. sapientum**, *Linn.*; Baker in Hook. f. Fl. Brit. Ind. vi. 262. Mt. Parker, and Mt. Gough, Hongkong. Fl. yellow, —.

HAEMODORACEAE.

Key to genera.

1. Leaves on long petioles, lanceolate ...	1. *Peliosanthes.*
Leaves linear, grass-like but stiff ...	2.
2. Ovary superior	2. *Liriope.*
Ovary inferior	3. *Ophiopogon.*

1.—PELIOSANTHES.

1. **P. macrostegia**, *Hance* in Journ. Bot. 1885, 328. Near Chaochaufu; Lofoushan. Fl. white, April.

2.—LIRIOPE.

1. **L. spicata**, *Lour.*: *Ophiopogon spicatus*, Ker; Benth. Fl. Hongk. 371. Very common on shady banks, Hongkong: Lantao Island, Hongkong New Territory; Macao. Fl. blue, July.

3.—OPHIOPOGON.

2. **O. japonicus,** *Ker*; *O. Wallichianus*, Hook f. Fl. Brit. Ind. vi. 268. Little Hongkong woods, Mt. Nicholson, and Mt. Parker, Hongkong; Lantao Island, Hongkong New Territorp; Canton; Sanning. Fl. white, June.

IRIDACEAE.

Key to genera.

Perianth more than 1 inch long	...	1. *Iris.*
Perianth less than 1 inch long	...	2. *Belamcanda.*

1.—IRIS.

Key to species.

Leaves less than ½-inch wide ...	...	1. *speculatrix.*
Leaves nearly 1 inch wide ...	...	2. *japonica.*

1. **I. speculatrix,** *Hance* in Journ. Bot. 1875, 196. Rocky slopes High West, between Victoria Peak and Mt. Davis, on the rough grassy hill above "Kenlis," Mt. Kellet, and on Violet hill, Taitam, Hongkong; Lantao Island, Hongkong New Territory; Canton; Lienchow. Fl. blue, April.
2. **I. japonica,** *Thunb.*; Baker in Gard. Chron. 1876, ii. 37. Bamboo groves on the banks of the Han River, Swatow; Canton. Fl. white, February.

2.—BELAMCANDA.

1. **B. punctata,** *Moench*; *Pardanthus chinensis*, Ker; Benth. Fl. Hongk. 365. Sea shore Chaiwan, Hongkong. Fl. orange-coloured, spotted with crimson, June.

AMARYLLIDACEAE.

Key to genera.

1. Flowers racemose or spicate ...	...	2.
Flowers umbellate	...	3.
2. Ovary not produced above the crown into a stipes	...	1. *Hypoxis.*
Ovary produced into a long or short stipes above the crown ...	...	2. *Curculigo.*
3. Filaments of stamens united by a membrane	...	5. *Pancratium.*
Filaments of stamens free ...	...	4.
4. Perianth tube less than 1 inch long ...		4. *Lycoris.*
Perianth tube more than 2 inches long		3. *Crinum.*

1.—HYPOXIS.

1. **H. aurea,** *Lour.*; Hook. f. Fl. Brit. Ind. vi. 277. Summit of the White Cloud hills, Canton. Fl. yellow, March.

2.—CURCULIGO.

Key to species.

Leaves from ¼-inch to 1 inch wide ...	1. *orchioides.*
Leaves from 1½ inches to 5 inches wide	2. *recurvata.*

1. **C. orchioides,** *Gaertn.*: Benth. Fl. Hongk. 366. On Mt. Gough, Mt. Victoria, and other hills, Hongkong; Canton; Lofoushan. Fl. yellow, June.
2. **C. recurvata,** *Dryander*; Hook. f. Fl. Brit. Ind. vi. 278. On the north side of Mt. Parker, Hongkong; Lantao Island, Hongkong New Territory; Canton; Lienchow River; Lofoushan. Fl. yellow, August.

3.—CRINUM.

Key to species.

Perianth segments linear	1. *asiaticum.*
Perianth segments oblong lanceolate ...	2. *latifolium.*

1. **C. asiaticum,** *Linn.*; Benth. Fl. Hongk. 366. Chaiwan, Sheko and Cape d'Aguilar, Hongkong; Lantao Island, and the eastern bank of the Samchun River, Hongkong New Territory. Fl. white, June.
2. **C. latifolium,** *Linn.*; C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 283. Hillside near Waterfall Bay, Hongkong. Fl. white tinged with purple, June.

4.—LYCORIS.

1. **L. aurea,** *Herb.*: Baker Handb. Amaryll. 40. Hills above Repulse Bay, near Sheko, and at Hoktsuiwan, Hongkong: Pengchau Island, Mirs Bay, abundant on Kowloon Peak, Hongkong New Territory. Fl. pale orange, October.

5.—PANCRATIUM.

1. **P. biflorum,** *Roxb.*; Benth. Fl. Hongk. 367. Hongkong without locality. Fl. white, June.

TACCACEAE.

1.—SCHIZOCAPSA.

1. **S. plantaginea,** *Hance* in Journ. Bot. 1881, 292. Very common on the banks of the Lienchow River; North River. Fl. yellowish green, August.

DIOSCOREACEAE.

1.—DIOSCOREA.

Key to species.

1.	Plants armed with spines	1. *rhipogonoides.*
	Plants unarmed	2.
2.	Leaves alternate	3.
	Leaves opposite	4.
3.	Capsule lobes 3 lines broad	2. *sativa.*
	Capsule lobes more than 3 lines broad	3. *bulbifera.*
4.	Leaves 3–4 inches long, 2–3 inches broad	5.
	Leaves under 3 inches long and under 2 inches broad	6.
5.	Leaves ovate, hastate	4. *persimilis.*
	Leaves cordate	5. *Batatas.*
6.	Leaves sagittate or hastate at the base	6. *Fordii.*
	Leaves rounded at the base	7. *Benthamii.*

1. **D. rhipogonoides,** *Oliver* in Hook. Ic. Pl. t. 1868. Wongneichong, and on hills above the Sookunpo valley, Hongkong; top of the Phoenix Mt., Swatow. Fl. white, April to May.
2. **D. sativa,** *Linn.*; Benth. Fl. Hongk. 368. Aberdeen New Road, and Mt. Victoria, Hongkong; Saikung Road, Hongkong New Territory; Lofoushan. Fl. white, August.
3. **D. bulbifera,** *Linn.* Sp. Pl. ed. i. 1033. Kwangtung without locality. Fl. ——.
4. **D. persimilis,** *Prain et Burkill* in Journ. As. Soc. Beng. n.s. ii. 454. Hongkong New Territory without locality; Lofoushan. Fl. ——, August.
5. **D. Batatas,** *Decne.*; Benth. Fl. Hongk. 368. Conduit Road, Hongkong; Lantao Island, Hongkong New Territory; Canton; Lienchow River. Fl. ——, September.
6. **D. Fordii,** *Prain et Burkill* l. c. 450. Mt. Victoria, Mt. Gough, and North Point, Hongkong; Lantao Island, Hongkong New Territory. Fl. ——, September.
7. **D. Benthamii,** *Prain et Burkill* l. c. 448. Mt. Parker north, Happy Valley, Little Hongkong, and Taitam, Hongkong; Lantao Island, Hongkong New Territory. Fl. white, June.

ROXBURGHIACEAE.

1.—STEMONA.

Key to species.

Peduncles 1-flowered	1. *acuta.*
Peduncles 3-flowered	2. *tuberosa.*

1. **S. acuta,** *C. H. Wright* in Journ. Linn. Soc. xxxii. 493. Lienchow River. Fl. greenish, May.
2. **S. tuberosa,** *Lour.*; Hook. f. Fl. Brit. Ind. vi. 298. Mt. Parker north, Hongkong. Fl. greenish, January?

LILIACEAE.

Key to genera.

1.	Stems climbing	2.
	Stems not climbing or none	4.
2.	Leaves linear, not more than 2 lines broad	3. *Asparagus.*
	Leaves not linear and more than 2 lines broad	3.
3.	Perianth segments 6; stamens 6 ...	2. *Smilax.*
	Perianth segments 3; stamens 3 ...	1. *Heterosmilax.*
4.	Stems none or rhizome-like	5.
	Stem erect; leaves cauline	13.
5.	Peduncles 1-flowered	7. *Aspidistra.*
	Peduncles more than 1-flowered ...	6.
6.	Perianth 3 inches long or more ...	7.
	Perianth less than 1 inch long ...	8.
7.	Leaves long-petiolate, cordate or ovate	9. *Funkia.*
	Leaves not petiolate, linear	8. *Hemerocallis.*
8.	Inflorescence umbellate	9.
	Inflorescence not umbellate	10.
9.	Leaves linear, 6–8 inches long, stiff ...	12. *Thysanotus.*
	Leaves linear more than 1 foot long, flaccid	14. *Allium.*
10.	Inflorescence paniculate	20. *Veratrum.*
	Inflorescence not paniculate	11.
11.	Inflorescence dense, stout	12.
	Inflorescence lax, slender	11. *Chlorophytum.*
12.	Scape 1 foot long	15. *Scilla.*
	Scape 3–4 inches long	6. *Reineckia.*
13.	Stems perennial, hard or woody ...	14.
	Stems annual, soft	15.
14.	Stems short; leaves linear, 1 foot long	13. *Dianella.*
	Stems long; leaves lanceolate, more than 1 foot long	10. *Cordyline.*
15.	Stems branched	18. *Disporum.*
	Stems simple	16.
16.	Flowers terminal	17.
	Flowers axillary	18.
17.	Perianth 5–6 inches long	16. *Lilium.*
	Perianth 2 inches long or less... ...	19. *Paris.*
18.	Leaves, at least at the upper ones, opposite	17. *Fritillaria.*
	Leaves alternate	19.
19.	Perianth with a corona	5. *Disporopsis.*
	Perianth without a corona	4. *Polygonatum.*

1.—HETEROSMILAX.

1. **H. Gaudichaudiana,** *Maxim.*; *Smilax Gaudichaudiana*, Kunth; Benth. Fl. Hongk. 370. Deepwater Bay, Hongkong. Fl. white, July.

2.—SMILAX.

1.	Filaments longer than the anthers ...	2.
	Filaments shorter than the anthers ...	5.
2.	Leaves 2 inches long	1. *China.*
	Leaves over 3 inches long	3.
3.	Leaves lanceolate, 3–4 inches long ...	4.
	Leaves nearly orbicular or cordate, 5–8 inches long	2. *ovalifolia.*
4.	Base of the petiole sheathing	3. *riparia.*
	Base of the petiole not sheathing ...	4. *lancaefolia.*
5.	Leaves thin, papery	5. *herbacea.*
	Leaves coriaceous or subcoriaceous ...	6.
6.	Leaves acuminate	6. *glabra.*
	Leaves acute, not acuminate	7. *hypoglauca.*

1. **T. China**, *Linn.*; Benth. Fl. Hongk. 370. Common in ravines, Hongkong; in the Kanghau Valley, and Kowloon, Hongkong New Territory; White Cloud hills, Canton; Macao; Lienchow River. Fl. greenish, March.
2. **S. ovalifolia**, *Roxb.*; Benth. l. c. 370. Mt. Gough, Hongkong; Lienchow River. Fl. greenish yellow, April.
3. **S. riparia**, *A. DC.* Monogr. Phan. i. 55. Canton. Fl. ——.
4. **S. lancaefolia**, *Seem.*; Benth. l. c. 370. Common in ravines, Hongkong; Swatow district; Kwaisin, Hoifung. Fl. yellowish-green, September.
5. **S. herbacea**, *Linn.* Sp. Pl. 1030. Lienchow River. Fl. —, April.
6. **S. glabra**, *Roxb.*; Benth. l. c. 369. Victoria Peak, Hongkong; Lantao Island, Tin-tso-ngam, and Kanghau, Hongkong New Territory; slopes of the Phoenix Mt., and hills near Chaochaufu; Canton. Fl. green, April.
7. **S. hypoglauca**, *Benth.* l. c. 369. Happy Valley woods, and Mt. Kellet, Hongkong. Fl. ——, August.

3.—ASPARAGUS.

Key to species.

Flowers polygamous	1. *lucidus.*
Flowers hermaphrodite	2. *sinicus.*

1. **A. lucidus**, *Lindl.*; Benth. Fl. Hongk. 371. Very common in Hongkong; stream near Chaochaufu; Macao. Fl. white, May.
2. **A. sinicus**, *C. H. Wright*: *Asparagopsis sinica*, Miq. in Journ. Bot. Néerl. i. 90. Hongkong without precise locality. Fl. white, Autumn.

4.—POLYGONATUM.

1. **P. multiflorum**, *Allioni*; Baker in Journ. Linn. Soc. xiv. 555. Top of the Phoenix Mt., and near Chaochaufu. Fl. white, April.

5.—DISPOROPSIS.

1. D. fusco-picta, *Hance* in Journ. Bot. 1883, 278. Lofoushan at 3100 ft. Fl. purplish, September.

6.—REINECKIA.

1. R. carnea, *Kunth* ; Baker in Journ. Linn. Soc. xiv. 551. Cultivated in Hongkong and Canton. Fl. purple outside, whitish inside, October and November.

7.—ASPIDISTRA.

Key to species.

1. Leaves 3 inches broad, or more	...	2.
Leaves under 3 inches broad ...	...	3.
2. Flowers on very short peduncles	...	1. *lurida.*
Peduncles nearly 2 inches long	...	2. *elatior.*
3. Perianth ½ inch long or more ...	...	3. *punctata.*
Perianth less than ½ inch long	...	4. *minutiflora.*

1. A. lurida, *Ker-Gawl.* ; Bot. Mag. t. 2499. Wongneichong, and Mt. Parker, Hongkong. Fl. purple, December.
2. A. elatior, *Blume* ; *A. punctata*, var. *albomaculata*, Hook. ; Bot. Mag. t. 5386. Mt. Parker, Hongkong. Fl. purple, December.
3. A. punctata, *Lindl.* in Bot. Reg. t. 977. Wongneichong Gap, Victoria Peak, Happy Valley woods and elsewhere, Hongkong. Fl. purple, February.
4. A. minutiflora, *Stapf* in Hemsl. Enum. Pl. China, iii. 113. In the Happy Valley woods, Hongkong ; Lantao Island, Hongkong New Territory. Fl. greenish purple, October.

8.—HEMEROCALLIS.

1. H. fulva, *Linn.* ; Hook. f. Fl. Brit. Ind. vi. 326. Hongkong without locality ; streams on the Phoenix Mt., Swatow ; White Cloud hills, Canton. Fl. orange-coloured, June.

9.—FUNKIA.

1. F. subcordata, *Spreng.* ; Baker in Journ. Linn. Soc. xi. 367. Fookwing on the Canton River, near Hongkong. Fl. white, August.

10.—CORDYLINE.

1. C. terminalis, *Kunth* ; Hook. f. Fl. Brit. Ind. vi. 331. Saikeung (Suheang), Canton River, near Hongkong. Fl. white or purplish.

11.—CHLOROPHYTUM.

1. C. laxum, *R. Br.* ; *Anthericum parviflorum*, Benth. Fl. Hongk. 373. In lawns in Hongkong ; Lantao Island, Hongkong New Territory ; Pakhoi. Fl. white, July.

12.—THYSANOTUS.

1. T. chinensis, *Benth.* Fl. Hongk. 372. On a dry hill at Little Hongkong, Hongkong; between Fanling and Santin, and at Lowu, Hongkong New Territory; Lanfa Mt., Hoifung; Canton. Fl. blue, October.

13.—DIANELLA.

1. D. nemorosa, *Lam.*; *D. ensifolia*, Red.; Benth. l. c. 372. Common in grassy places on hillsides, Hongkong; Lantao Island, Hongkong New Territory; Hoifung; Macao; Pakhoi. Fl. blue, April.

14.—ALLIUM.

1. A. odorum, *Linn.*; Hook. f. Fl. Brit. Ind. vi. 343. On slopes behind cultivated ground at the Happy Valley, Hongkong; Lienchow River. Fl. white, June.

15.—SCILLA.

1. S. chinensis, *Benth.* Fl. Hongk. 373. Victoria Peak, and Stanley, Hongkong; Lappa Island; Lienchow River. Fl. purple, August.

16.—LILIUM.

Key to species.

Perianth white; pollen yellow ...	1. *longiflorum.*
Perianth white marked with purple on exterior; pollen red	2. *Brownii.*

1. L. longiflorum, *Thunb.*; Benth. Fl. Hongk. 374. Hongkong without locality; Lofoushan. Fl. white, June to August.
2. L. Brownii, *F. E. Br.*; Baker in Journ. Linn. Soc. xiv. 230. Common on the hills amongst grass, Hongkong; Lantao Island, Hongkong New Territory. Fl. white with bronzy purple markings on the outside, June.

17.—FRITILLARIA.

1. F. cantoniensis, *Lour.*; Fl. Cochinch. 255. Cultivated at Canton. Fl. dark purple, ——.

18.—DISPORUM.

Key to species.

1. Perianth 5–6 lines long	1. *Leschenaultianum.*
Perianth more than 9 lines long ...	2.
2. Perianth segments obtuse, 4–5 lines broad	2. *sessile.*
Perianth segments acute, 1½–3 lines broad	3. *pullum.*

1. **D. Leschenaultianum,** *D. Don*?; Hance in Journ. Bot. 1887, 13. Lofoushan. Fl. white, May.
2. **D. sessile,** *D. Don*: Baker in Journ. Linn. Soc. xiv. 589. Taimoshan, Hongkong New Territory. Fl. white, March.
3. **D. pullum,** *Salisb.*; Hook. f. Fl. Brit. Ind. vi. 360. Whampoa, cultivated; Lienchow River. Fl. greenish-purple, April.

19.—PARIS.

1. **P. polyphylla,** *Sm.*: Hook. f. l. c. vi. 362. Lantao Island on rocks at 1500 ft., Hongkong New Territory; top of the Phoenix Mt., Swatow; Lofoushan. Fl. greenish-yellow, February.

20.—VERATRUM.

1. **V. nigrum,** *Linn.*; Baker in Journ. Linn. Soc. xvii. 472. Mt. Parker north, Hongkong: Lantao Island, Hongkong New Territory. Fl. dark purple, August.

PONTEDERIACEAE.

Key to genera.

Plant floating, with inflated petioles ...	1. *Eichornia.*
Plant not floating	2. *Monochoria.*

1.—EICHORNIA.

1. **E. speciosa,** *Kunth*; *E. crassipes*, Solms in DC. Monogr. Phan. iv. 527. Cultivated in Hongkong and Canton; Swatow; abundant in ditches about Macao. Fl. pale blue, Summer.

2.—MONOCHORIA.

Key to species.

1.	Leaves hastate	1. *hastaefolia.*
	Leaves cordate or ovate	2.
2.	Leaves cordate	3.
	Leaves ovate	2. *vaginalis.*
3.	Leaves 3–4 inches across	3. *ovata.*
	Leaves 2 inches across	2. *vaginalis.*

1. **M. hastaefolia,** *Presl*; Hook. f. Fl. Brit. Ind. vi. 362. Hongkong New Territory without locality: Hoifung; Whampoa; Fatshan; Northwest River; Lofoushan. Fl. blue, September.
2. **M. vaginalis,** *Presl*; Benth. Fl. Hongk. 374. Common in swamps, Hongkong; Hoifung; Szetseshan, Sanning. Fl. blue, June to September.
3. **M. ovata,** *Kunth*, Enum. Pl. iv. 665. Canton. Fl. ——.

PHILYDRACEAE.

1.—PHILYDRUM.

1. **P. lanuginosum**, *Banks*; Benth. Fl. Hongk. 380. In marshes at Chaiwan, Happy Valley, Victoria Peak and elsewhere, Hongkong; Lantao Island, Hongkong New Territory; Canton; Pakhoi. Fl. yellow, June.

XYRIDACEAE.

1.—XYRIS.

Key to species.

1.	Leaves $\frac{1}{6}$–$\frac{1}{3}$ inch broad	2.
	Leaves not more than $\frac{1}{8}$ inch broad ...	3.
2.	Leaves $\frac{1}{4}$–$\frac{1}{3}$ inch broad; heads spherical	1. *indica.*
	Leaves $\frac{1}{6}$ inch broad; heads ovoid ...	2. *anceps.*
3.	Leaves $\frac{1}{8}$ inch broad; keel of bracteoles not toothed...	3. *pauciflora.*
	Leaves $\frac{1}{16}$ inch broad; keel of bracteoles toothed	4. *bancana.*

1. **X. indica**, *Linn.*; Hook. f. Fl. Brit. Ind. vi. 364. In a swamp near Fanling, Hongkong New Territory. Fl. yellow, October.
2. **X. anceps**, *Lam.*; Hook. l. c. 364. Kwaisin, Hoifung. Fl. yellow, September.
5. **X. pauciflora**, *Willd.*; Benth. Fl. Hongk. 379. Sheko, and Happy Valley, Hongkong; near Fanling, Sheungshui and Taipo Road, Hongkong New Territory; Pakhoi. Fl. yellow, October.
4. **X. bancana**, *Miq.*; *X schoenoides*, Benth. l. c. 379. Hongkong without locality; Tailamchung, Hongkong New Territory. Fl. yellow, July.

COMMELINACEAE.

Key to genera.

1.	Fruit indehiscent	6. *Pollia.*
	Fruit dehiscent...	2.
2.	Three perfect stamens, 1–3 staminodes	3.
	Stamens 6, perfect	4.
3.	Cymes solitary, included in a spathe ...	2. *Commelina.*
	Cymes panicled, naked	1. *Aneilema.*
4.	Stems twining	7. *Streptolirion.*
	Stems not twining	5.
5.	Inflorescence terminal	4. *Floscopa.*
	Inflorescence axillary	6.
6.	Leaves $1\frac{1}{2}$ inches broad	5. *Forrestia.*
	Leaves under 1 inch broad	3. *Cyanotis.*

1.—ANEILEMA.

Key to species.

1.	Leaves under 3 lines broad	2.
	Leaves more than 3 lines broad ...	3.
2.	Inflorescence a terminal panicle ...	1. *angustifolium.*
	Inflorescence in fascicles on the stem...	2. *paucifolium.*
3.	Cells of capsule 1-seeded	3. *vaginatum.*
	Cells of capsule 2- or more seeded ...	4.
4.	Cells of capsule 2-seeded	6.
	Cells of capsule 3- or more seeded ...	5.
5.	Flowers many in an erect scape ...	4. *Loureirii.*
	Flowers 1–3 in the axils of the leaves	5. *Keisak.*
6.	Radical leaves under 6 inches long ...	5. *nudiflorum.*
	Radical leaves 1 foot long	6. *sinicum.*

1. **A. angustifolium,** *N. E. Brown* in Hemsl. Enum. Pl. China, iii. 151. Hongkong without locality; Lantao Island, Hongkong New Territory; Hoifung river; Pakhoi. Fl. blue, September.
2. **A. paucifolium,** *N. E. Brown* l. c. 153. Pakhoi. Fl. blue, ——.
3. **A. vaginatum,** *R. Br.*; Hook. f. Fl. Brit. Ind. vi. 183. Hongkong without locality. Fl. blue. ——.
4. **A. Loureirii,** *Hance*; Hook. f. l. c. 375. Foot of the White Cloud hills, Canton. Fl. blue, April.
5. **A. Keisak,** *Hassk.*; C. B. Clarke in DC. Monogr. Phan. iii. 209. Hills near Chaochaufu. Fl. blue, April.
5. **A. nudiflorum,** *R. Br.*; Benth. Fl. Hongk. 376. Common in marshy places on Victoria Peak and elsewhere, Hongkong; near Sanwai and Lowu, Hongkong New Territory; Lanfa Mt., Hoifung; Canton; Sanning; Lofoushan. Fl. blue, August.
6. **A. sinicum,** *Lindl.*; Hook. f. l. c. 379. Lantao Island, Hongkong New Territory; foot of the White Cloud hills, Canton; West River. Fl. blue, May.

2.—COMMELINA.

Key to species.

1.	Capsule 3-seeded	2.
	Capsule 4 or 5-seeded	4.
2.	Capsule 3-valved	3.
	Capsule 2-valved	1. *auriculata.*
3.	Leaves 4–6 inches long	2. *obliqua.*
	Leaves not more than $3\frac{1}{4}$ inches long...	3. *undulata.*
4.	Capsule 2-celled, 4-seeded	4. *communis.*
	Capsule 3-celled, 5 seeded	5.
5.	Leaves ovate-obtuse	5. *benghalensis.*
	Leaves lanceolate	6. *nudiflora.*

1. **C. auriculata,** *Blume*; C. B. Clarke in DC. Monogr. Phan. iii. 186. Hongkong without locality; Macao. Fl. blue,——.

2. **C. obliqua**, *Ham.*; Hook. f. Fl. Brit. Ind. vi. 372. Lantao Island, Hongkong New Territory; Lienchow River; Lofoushan. Fl. blue, July.
3. **C. undulata**, *R. Br.*; Hook. f. l. c. 373. Canton. Fl. blue,——.
4. **C. communis**, *Linn.*; Benth. Fl. Hongk. 376. North Point, Hongkong. Fl. blue, June.
5. **C. benghalensis**, *Linn.*; Benth. l. c. 376. Rice field borders, Hongkong without locality; Macao. Fl. blue, ——.
6. **C nudiflora**, *Linn.*; *C. salicifolia*, Benth. l. c. 376. On roadsides, Hongkong; Lintin Island, Canton River, near Hongkong; Macao; Lappa Island; Sanning. Fl. blue, August.

3.—CYANOTIS.

Key to species.

1. Inflorescence included in leaf sheaths	1. *axillaris.*
Inflorescence not included in leaf sheaths	2.
2. Leaves under ½ inch broad	2. *barbata.*
Leaves ¾ inch broad	3. *kewensis.*

1. **C. axillaris**, *Roem. et Schult.*; Benth. Fl. Hongk. 378. Hongkong without locality; Sanning; Pakhoi. Fl. blue, August.
2. **C. barbata**, *D. Don*; *C. fasciculata*, Benth. l. c. 378. Pokfulam, Hongkong; Lantao Island, Hongkong New Territory; White Cloud hills, Canton. Fl. blue, June—September.
3. **C. kewensis**, *C. B. Clarke* in Hook. f. Fl. Brit. Ind. vi. 388. On boulders in a damp situation on the Wongneichong-Taitam Road, Hongkong; Lofoushan. Fl. rose-purple, November.

4.—FLOSCOPA.

1. **F. scandens**, *Lour.*; *F. paniculata*, Benth. l. c. 377. Little Hongkong, Hongkong: Lantao Island, and Taimoshan, Hongkong New Territory; near Chaochaufu; Macao; Lappa Island; Lienchow River; Lofoushan. Fl. blue, November.

5.—FORRESTIA.

1. **F. chinensis**, *N. E. Brown* in Hemsl. Enum. Pl. China, iii. 158. Lienchow River. Fl. August—December.

6.—POLLIA.

1. **P. sorzogonensis**, *Endl.*; Benth. Fl. Hongk. 377. Victoria Peak, behind the Buddhist temple, Causeway Bay, and Cape d'Aguilar, Hongkong; Lofoushan. Fl. white, July.

7.—STREPTOLIRION.

1. **S. volubile**, *Edgew.*; Hook. f. Fl. Brit. Ind. vi. 389. Lienchow River. Fl. white, August.

JUNCACEAE.

1.—JUNCUS.

Key to species.

1.	Cymes terminal...	2.
	Cymes not terminal	1. *effusus.*
2.	Stamens 3	2. *alatus.*
	Stamens 6	3. *prismatocarpus.*

1. **J. effusus,** *Linn.* ; Hook. f. Fl. Brit. Ind. vi. 392. Near the White Cloud monastery, Canton. Fl. whitish, April.
2. **J. alatus,** *Franch. et Sav.* Enum. Pl. Jap. ii. 534. Happy Valley, Hongkong ; river bank near Chaochaufu. Fl. whitish, April.
3. **J. prismatocarpus,** *R. Br.* ; *J. Leschenaultii,* J. Gay ; Benth. Fl. Hongk. 380. In a ditch in the Happy Valley, Hongkong ; Pakhoi. Fl. ——, April.

PALMAE.

Key to genera.

1.	Unarmed plants	2.
	Plants spiny or thorny	5.
2.	Tree	3.
	Erect shrub 4–10 ft. high	6. *Rhapis.*
3.	Leaves simple	5. *Trachycarpus.*
	Leaves compound	4.
4.	Leaf segments cuneate...	1. *Caryota.*
	Leaf segments linear	8. *Cocos.*
5.	Leaves simple	6.
	Leaves compound	7.
6.	Tree	4. *Livistona.*
	Shrub 2–3 ft. high	3. *Licuala.*
7.	Stems forming thick trunk, erect ...	2. *Phoenix.*
	Stem slender, erect or climbing ...	7. *Calamus.*

1.—CARYOTA.

1. **C. ochlandra,** *Hance* in Journ. Bot. 1879, 176. Cultivated in the west of Kwantung and at Canton. Fl. yellow, July.

2.—PHOENIX.

1. **P. Hanceana,** *Naudin* ; *P. acaulis,* Benth. Fl. Hongk. 340. Not uncommon on the hillsides in sunny places, Hongkong ; in similar positions on the hills in Hongkong New Territory ; Macao. Fl. yellow, May.

3.—LICUALA.

1. **L. Fordiana,** *Becc.* Malesia, iii. 198. Mt. Parker, and by the side of a stream near the Aberdeen New Road, Hongkong ; Lofoushan. Fl. yellow, August.

4.—LIVISTONA.

1. **L. chinensis,** *Mart.*; Hook. f. Fl. Brit. Ind. vi. 434. Cultivated in Hongkong and Kwangtung. Fl. yellow, March.

5.—TRACHYCARPUS.

1. **T. excelsus,** *H. Wendl.*; Hook. f. l. c. 436. Hills near Chaochaufu. Fl. yellow, April.

6.—RHAPIS.

1. **R. flabelliformis,** *Ait.*; Benth. Fl. Hongk. 340. In the Happy Valley woods, Mt. Victoria, Mt. Nicholson, and Mt. Parker, Hongkong; Taimoshan, Hongkong New Territory; stream near Yit-hai village, Han valley. Fl. yellow, July.

7.—CALAMUS.

Key to species.

1.	Erect plant	1. *thysanolepis.*
	Climbing plant	2.
2.	Leaves with whip-like prolongation ...	3.
	Leaves without whip-like prolongation	4.
3.	Leaflets more than 1 inch broad ...	2. *latifolius.*
	Leaflets under 1 inch broad	3. *Margaritae.*
4.	Leaflets in fascicles	4. *tetradactylus.*
	Leaflets not in fascicles	5. *Walkeri.*

1. **C. thysanolepis,** *Hance* in Journ. Bot. 1874, 265. Pokfulam, Taitum Tuk, and Mt. Kellet, Hongkong; hill near Chaochaufu. Fl. yellow, ——.
2. **C. latifolius,** *Roxb.*; Hook. f. Fl. Brit. Ind. vi. 455. In the Happy Valley woods, and in a ravine on the south side of Wanchai Gap, Hongkong. Fl. yellow, ——.
3. **C. Margaritae,** *Hance* in Journ. Bot. 1874, 266. Happy Valley woods, Mt. Victoria, Mt. Nicholson, Little Hongkong, and above Taihang, Hongkong; Swatow. Fl. yellow, May.
4. **C. tetradactylus,** *Hance* l. c. 1875, 289. Very common in Hongkong; Lantao Island, and Lamma Island, Hongkong New Territory. Fl. yellow, March.
5. **C. Walkeri,** *Hance* l. c. 1874, 266. Happy Valley, Hongkong. Fl. yellow, July.

8.—COCOS.

1. **C. nucifera,** *Linn.*; Lour. Fl. Cochinch. 566. Cultivated in Hongkong. Fl. yellow, ——.

PANDANACEAE.

1.—PANDANUS.

Key to species.

1.	Plant acaulescent	1. *urophyllus.*
	Plant caulescent	2.
2.	Leaves 3–5 ft. long; stem often 10–12 ft. high	2. *odoratissimus.*
	Leaves over 5 ft. long; stem not more than 2 ft. high	3. *forceps.*

1. **P. urophyllus**, *Hance* in Journ. Bot. 1875, 68. Not uncommon in shady woods, Hongkong; Taimoshan, Hongkong New Territory; Swatow: Canton?; Lienchow? Fl. ——.
2. **P. odoratissimus**, *Linn.*: *P. fascicularis*, Lam.; Hook. f. Fl. Brit. Ind. vi. 485. Common along the seashore, Hongkong; in similar places in the Hongkong New Territory; Macao. Fl. cream-coloured, July.
3. **P. forceps**, *Martelli*, Webbia, i. 363. On the bank of a stream at the east end of the racecourse, Wongneichong, Hongkong; common on low lying, sunny places near the south face of Beacon Hill tunnel, Hongkong New Territory: Sanning? Fl. cream-coloured, July.

ARACEAE.

Key to genera.

1.	Prickly plant	8. *Lasia.*
	Plant not prickly	2.
2.	Plant flowering without leaves ...	5. *Amorphophallus.*
	Plant flowering with leaves	3.
3.	Climbing plant	4.
	Non-climbing plant	6.
4.	Perianth 0	5.
	Perianth segments 6	11. *Pothos.*
5.	Leaves with perforations	10. *Epipremnum.*
	Leaves without perforations	9. *Raphidophora.*
6.	Floating water plant	2. *Pistia.*
	Non-floating plant	7.
7.	Leaves long, linear	12. *Acorus.*
	Leaves not linear	8.
8.	Leaves simple	9.
	Leaves compound	11.
9.	Petioles stout, succulent	10.
	Petioles slender, not succulent ...	4. *Typhonium.*
10.	Ovules numerous	6. *Colocasia.*
	Ovules few	7. *Alocasia.*
11.	Leaves pedatisect	1. *Pinellia.*
	Leaves palmatisect	3. *Arisaema.*

1.—PINELLIA.

1. **P. tuberifera,** *Tenore*; Engl. in DC. Monogr. Phan. ii. 566. Bank of the Han River, Swatow. Fl. dark purple, May.

2.—PISTIA.

1. **P. Stratiotes,** *Linn.*; Hook. f. Fl. Brit. Ind. vi. 497. In swamps at East Point, Hongkong; Wuting village, near Chaochaufu; Whampoa. Fl. ——.

3.—ARISAEMA.

Key to species.

1.	Inflorescence scapose	1. *cordatum.*
	Inflorescence not scapose	2.
2.	Leaves 3-sect	2. *penicillatum.*
	Leaves 5–10-sect	3. *consanguineum.*

1. **A. cordatum,** *N. E. Brown* in Hemsl. Enum. Pl. China, iii. 177. Lantao Island and Taimoshan at 2300 ft., Hongkong New Territory. Fl. purple, April.
2. **A. penicillatum,** *N. E. Brown*; *A. laminatum*, Benth. Fl. Hongk. 342. Victoria Peak, Hongkong. Fl. green and white, May.
3. **A. consanguineum,** *Schott*: Hook. f. Fl. Brit. Ind. vi. 505. Lantao Island at 2000–3000 ft. Fl. greenish white, April.

4.—TYPHONIUM.

1. **T. divaricatum** *Decne.*: *Arum divaricatum*, Linn.; Benth. Fl. Hongk. 342. In the Botanic Gardens in damp, shady places, Pokfulam, and elsewhere, Hongkong; Tingushan on the West River. Fl. deep purple, May.

5.—AMORPHOPHALLUS.

Key to species.

Spadix longer than the spathe ...	1. *variabilis.*
Spadix shorter than the spathe ...	2. *Dunnii.*

1. **A. variabilis,** *Blume*; Benth. l. c. 343. South of Sheko Gap, Hongkong; Lantao Island, and Taimoshan, Hongkong New Territory. Fl. greenish purple, April.
2. **A. Dunnii,** *Tutcher* in Journ. Bot. 1911, 273. Mt. Parker south, Hongkong; Lantao Island, Hongkong New Territory. Fl. purple and green, March.

6.—COLOCASIA.

1. **C. antiquorum,** *Schott*; Hook. f. Fl. Brit. Ind. vi. 523. Sanning; cultivated on the Lienchow River. Fl. pale yellow, August.

7.—ALOCASIA.

Key to species.

Leaves semicircular ... ... 1. *cucullata.*
Leaves ovate, cordate or sagittate ... 2. *macrorrhiza.*

1. **A. cucullata**, *Schott*; Hook. f. l. c. 525. Canton. Fl. greenish yellow, ——.
2. **A. macrorrhiza**, *Schott*: *Colocasia odora*, Benth. Fl. Hongk. 343. In the Happy Valley woods, and shady ravines, Hongkong; Lamma Island, Hongkong New Territory: Macao. Fl. pale yellow, March.

8.—LASIA.

1. **L. heterophylla**, *Schott*; Hook. f. l. c. 550. Taimoshan, and Cheung Hue Island, Hongkong New Territory. Fl. claret-coloured, April.

9.—RAPHIDOPHORA.

1. **R. angustifolia**, *Schott*: *R. Peepla*, Benth. Fl. Hongk. 344. Trailing over rocks near the Buddhist Temple, Causeway Bay, Hongkong; on rocks at Maönshan, Hongkong New Territory. Fl. cream coloured, ——.

10.—EPIPREMNUM.

1. **E. mirabile**, *Schott*: Hook. f. Fl. Brit. Ind. vi. 549. On trees near Fanling, Hongkong New Territory: climbing over rocks near Whampoa; Lienfashan, on the banks of the Canton River. Fl. green, May.

11.—POTHOS.

Key to species.

Petioles winged... ... ... 1. *Seemanni.*
Leaves sessile ... ... 2. *Loureiri.*

1. **P. Seemanni**, *Schott*; *P. scandens*, Benth. Fl. Hongk. 344. Common in ravines creeping over rocks, Hongkong: Lantao Island, Taimoshan, and Maönshan, Hongkong New Territory: Macao: Lienchow River; Lofoushan. Fl. January—March.
2. **P. Loureiri**, *Hook. et Arn.*: Engl. in DC. Monogr. Phan. ii. 87. Tingushan on the West River. Fl. May.

12.—ACORUS.

1. **A. gramineus**, *Ait.*; *A. Calamus*, Lour.: Benth. Fl. Hongk. 345. Common in watercourses, Hongkong: Hahang, Hongkong New Territory: Lienchow River: West River. Fl. yellow, April.

LEMNACEAE.

1.—LEMNA.

Key to species.

Fronds ⅛ inch long	1. *minor.*
Fronds ¼ inch long	2. *polyrrhiza.*

1. **L. minor,** *Linn.*; Hook. f. Fl. Brit. Ind. vi. 556. Common in pools, Hongkong; Hongkong New Territory without locality; Ngchungshan, near Hongkong. Fl. ——.
2. **L. polyrrhiza,** *Linn.*; Hook. f. l. c. 557. In swamps at East Point, Hongkong; Ngchungshan, near Hongkong. Fl.——.

ALISMACEAE.

Key to genera.

1.	Leaves cordate	2. *Lophotocarpus.*
	Leaves not cordate	2.
2.	Leaves lanceolate	1. *Alisma.*
	Leaves linear, hastate or sagittate ...	3. *Sagittaria.*

1.—ALISMA.

1. **A. Plantago,** *Linn.*; Hook. f. Fl. Brit. Ind. vi. 559. Lienchow River. Fl. pink, August.

2.—LOPHOTOCARPUS.

1. **L. guyanensis,** *Durand et Schinz*: *Sagittaria cordifolia*, Roxb.; Benth. Fl. Hongk. 346. Belcher's Bay and Sheko, Hongkong; Hoifung: Shiukwan (Shaochaufu) N. River. Fl. white, September.

3.—SAGITTARIA.

1. **S. sagittifolia,** *Linn.*: Hook. f. Fl. Brit. Ind. vi. 561. Pokfulam, Hongkong; Chaochaufu; Hoifung; Canton; Macao; Sanning; North River. Fl. white, April—August.

NAIADACEAE.

Key to genera.

1.	Flowers hermaphrodite	2.
	Flowers bisexual	3.
2.	Stamens 6 or more	1. *Aponogeton.*
	Stamens (anthers) 4	2. *Potamogeton.*
3.	Stamens (anthers) 2	3. *Ruppia.*
	Stamen 1	4.
4.	Filament slender	4. *Zannichellia.*
	Anthers sessile	5. *Najas.*

1.—APONOGETON.

1. A monostachyon, *Linn. f.*; Hook. f. Fl. Brit. Ind. vi. 564. Hongkong New Territory without locality; pools near Canton. Fl. white, August.

2.—POTAMOGETON.

Key to species.

Leaves flat, ovate	1. *Gaudichaudii.*
Leaves crisped, linear	2. *crispus.*

1. P. Gaudichaudii, *Cham. et Schlecht.*; *P. mucronatus*, Presl; Hook. f. Fl. Brit. Ind. vi. 567. Canton. Fl. green.
2. P. crispus, *Linn.*: Hook. f. l. c. 566. Pond near Swatow. Fl. pink, April.

3.—RUPPIA.

1. R. maritima, *Linn.*: *R. rostellata*, Koch: Hook. f. l. c. 568. Sheko Lagoon, Hongkong. Fl. January.

4.—ZANNICHELLIA.

1. Z. pedicellata, *Ham.*: *Z. palustris*, subsp. *pedicellata*, Hook. f. l. c. 568. Near Swatow. Fl. white, April.

5.—NAJAS.

1. N. graminea, *Delile*; *N. minor*, Benth. Fl. Hongk. 345. Hongkong without locality. Fl. ——.

ERIOCAULONACEAE.

1.—ERIOCAULON.

1. Stem elongated	1. *setaceum.*
Stem not elongated	2.
2. Involucral bracts longer than the flowers	2. *echinulatum.*
Involucral bracts not longer than the flowers	3.
3. Leaves pillose	3. *australe.*
Leaves glabrous	4.
4. Involucral bracts villose	4. *Wightianum.*
Involucral bracts glabrous	5.
5. Sepals of male flowers dimerous ...	6.
Sepals of male flowers trimerous ...	7.
6. Floral bracts acute	5. *sinicum.*
Floral bracts obtuse	6. *truncatum.*

7. Anthers white	8.
Anthers black	9.
8. Corolla ciliate	7. *cinereum.*
Corolla glabrous	8. *Sieboldianum.*
9. Sepals of female flowers free	11.
Sepals of female flowers connate ...	10.
10. Involucral bracts semiorbicular ...	9. *Buergerianum.*
Involucral bracts ovate	10. *alpestre.*
11. Corolla tube of male flowers pilose ...	11. *cristatum.*
Corolla tube of male flowers glabrous...	12.
12. Receptacle pilose	12. *luzulaefolium.*
Receptacle glabrous	13. *Wallichianum.*

1. **E. setaceum**, *Linn.*; Benth. Fl. Hongk. 383. Hongkong without locality; in paddy fields near Kuntong, Hongkong New Territory; Canton. Fl. July.
2. **E. echinulatum**, *Mart.*; Hook. f. Fl. Brit. Ind. vi. 579. Swamps at the foot of the White Cloud hills, Canton. Fl. October.
3. **E. australe**, *R. Br.*: Benth. Fl. Hongk. 382. Mt. Victoria, Taihang valley, and Cape d'Aguilar, Hongkong; in swamps at Shatin Pass road and Kuntong, Hongkong New Territory: Kwaisin, Hoifung: boggy ground on the White Cloud hills, Canton. Fl. April—October.
4. **E. Wightianum**, *Mart.*; Hook. f. l. c. 576. Pakhoi. Fl. ——.
5. **E. sinicum**, *Miq.*; Ruhland in Engl. Pflanzenr. Eriocaul. 116. Fookwing near Hongkong on the Canton River. Fl. ——.
6. **E. truncatum**, *Ham.*; Benth. l. c. 382. Pokfulam, Wongneichong, and elsewhere, Hongkong; White Cloud hills, Canton; Lofoushan. Fl. July.
7. **E. cinereum**, *R. Br.*: *E. heteranthum*, Benth. l. c. 382. Near Pokfulam reservoir; in paddy fields at Little Hongkong, and Deepwater Bay, Hongkong; Lantao Island, Hongkong New Territory; on the way to the White Cloud hills, Canton. Fl. June—December.
8. **E. Sieboldianum**, *Sieb. et Zucc.*: Hook. f. l. c. 577. Sandy places usually near the sea Kowloon, Hongkong New Territory; Canton. Fl. August.
9. **E. Buergerianum**, *Koern.*: Ruhland in Engl. Pflanzenr. Eriocaul. 94. Lofoushan. Fl. August.
10. **E. alpestre**, *Hook. f. et Thoms.*; Hook. f. l. c. 578. Swatow. Fl. April.
11. **E. cristatum**, *Mart.*: Benth. l. c. 382. In Taihang valley, near Aberdeen and in stream east of the Wongneichong-Taitam Road. Hongkong: Kwaisin, Hoifung. Fl. September.
12. **E. luzulaefolium**, *Mart.*; Hook. f. l. c. 582. Swamp at the foot of the White Cloud hills, Canton. Fl. October.
13. **E. Wallichianum**, *Mart.*: Benth. l. c. 381. Pokfulam, Happy Valley, and common in moist situations, Hongkong; Taimoshan, Kuntong, and near Capsuimun, Hongkong New Territory; White Cloud hills, Canton: Lofoushan. Fl. February—September.

CYPERACEAE.

Key to genera.

1.	Flowers bisexual	2.
	Flowers unisexual	17.
2.	Flowering glumes many	3.
	Flowering glumes 1 or 2	13.
3.	Glumes distichous	4.
	Glumes spirally arranged	8.
4.	Style 2-fid	5.
	Style 3-fid	7.
5.	Rachilla persistent	6.
	Rachilla deciduous	5. *Kyllingia.*
6.	Nut laterally compressed	1. *Pycreus.*
	Nut dorsally compressed	2. *Juncellus.*
7.	Rachilla persistent	3. *Cyperus.*
	Rachilla deciduous	4. *Mariscus.*
8.	Style base constricted or articulate above the nut; leaves basal; flowers umbelled	9.
	Style base passing gradually into nut	11.
9.	Hypogynous scales present; leaves wanting	6. *Eleocharis.*
	Hypogynous scales wanting	10.
10.	Style base persistent, or deciduous, leaving no scar	7. *Fimbristylis.*
	Style base deciduous leaving protruding scar; leaves with long white hairs	8. *Bulbostylis.*
11.	Hypogynous scales 0, or linear entire	9. *Scirpus.*
	Some hypogynous scales or all of them expanded	12.
12.	Scales 3 or 6, inner broadly obovate ...	10. *Fuirena.*
	Scales 2, hyaline elliptic	12. *Lipocarpha.*
13.	Style 2-fid	15. *Rynchospora.*
	Style 3-fid	14.
14.	Spikelets panicled	15.
	Spikelets in digitate dense cylindric spikes	14. *Remirea.*
15.	Spikelets 1-7-flowered, lowest flower alone perfect	17. *Cladium.*
	Spikelets 1–2-flowered, upper flower alone perfect	16.
16.	Hypogynous scales long	16. *Lepidosperma.*
	Hypogynous scales wanting	17. *Gahnia.*
17.	Nut naked	18.
	Nut enclosed in utricle	21. *Carex.*
18.	Spikes corymbose	11. *Hypolytrum.*
	Spikes paniculate	19.
19.	Leaves present	20.
	Plant without leaves	13. *Lepironia.*
20.	Flowers in small sessile axillary clusters	20. *Diplacrum.*
	Flowers in terminal panicles	19. *Scleria.*

1.—PYCREUS.

Key to species.

1.	Leaf sheaths covering $\frac{1}{3}$ of the stem ...	1. *sanguinolentus.*
	Leaf sheaths at bottom of the stem only	2.
2.	Glume with recurved excurrent midrib	2. *globosus.*
	Glume blunt or shortly apiculate ...	3.
3.	Plant annual	3. *pulvinatus.*
	Plant perennial...	4. *polystachyus.*

1. **P. sanguinolentus,** *Nees*; *Cyperus Eragrostis*, Vahl; Benth. Fl. Hongk. 385. On the edges of paddy fields, Hongkong; Castle Peak, Hongkong New Territory; Macao; Lofoushan. Fl. November.
2. **P. globosus,** *Reichb.*: *Cyperus vulgaris*, Kunth; Benth. l. c. 385. Aberdeen, Hongkong; Canton; Macao. Fl. August.
3. **P. pulvinatus,** *Nees*; *P. nitens*, Nees; Hook. f. Fl. Brit. Ind. vi. 591. Aberdeen, Hongkong; Taitamchong river, Hongkong New Territory; Lintin Island, Canton River, near Hongkong; Pakhoi; North River. Fl. July.
4. **P. polystachyus,** *Beauv.*: *Cyperus polystachyus*, Benth. l. c. 385. Victoria Peak, East Point, and Pokfulam, Hongkong; Stonecutters' Island; Taimoshan, Hongkong New Territory; Whampoa; Canton; Macao; Lofoushan. Fl. June —September.

2.—JUNCELLUS.

1. **J. serotinus,** *C. B. Clarke* in Hook. f. Fl. Brit. Ind. vi. 594. Canton. Fl. ——.

3.—CYPERUS.

Key to species.

1.	Spikelets digitate or clustered ...	2.
	Spikelets spicately or subracemosely disposed	8.
2.	Glumes strongly mucronate	3.
	Glumes not mucronate or very shortly so	6.
3.	Annual plant	4.
	Tall perennial plant	5.
4.	Plant tall	1. *compressus.*
	Plant small	2. *uncinatus.*
5.	Umbel longer than stem	3. *radians.*
	Umbel shorter than stem	4. *diffusus.*
6.	Nut nearly equal to glume	5. *difformis.*
	Nut $\frac{1}{3}$ the length of the glume ...	6. *Haspan.*
8.	Rachilla not or only narrowly winged	9.
	Rachilla distinctly and widely winged	15.
9.	Annual with tufted stem	10.
	Perennial with woody, sometimes very short, rhizomes and often long stolons	11.

10. Nut ½ the length of the glume	...	1. *compressus.*
Nut nearly equal to the glume	...	7. *Iria.*
11. Rachis of spikes pilose ...	...	8. *pilosus.*
Rachis of spikes glabrous ...	...	12.
12. Glumes forced apart by incurving of edges	...	9. *malaccensis.*
Glumes adpressed	...	13.
13. Spikelets 10–20-flowered ...	...	10. *distans.*
Spikelets 20–40-flowered ...	...	14.
14. Nut narrowly ellipsoid... ...	...	11. *eleusinoides.*
Nut obovoid	...	12. *procerus.*
15. Plants not stoloniferous ...	...	16.
Plants stoloniferous	...	18.
16. Glumes in fruit remote ...	...	13. *Zollingeri.*
Glumes closely imbricate ...	...	17.
17. Spikelets densely crowded ...	...	14. *radiatus.*
Spikelets not crowded	...	15. *exaltatus.*
18. Leaves reduced or wanting ...	...	16. *tegetiformis.*
Leaves long and slender ...	...	19.
19. Plant with woody ovoid tubers	...	17. *rotundus.*
Plant without tubers	...	18. *stolonifer.*

1. **C. compressus,** *Linn.*; C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 605. Whampoa: common weed of cultivated ground, Canton; Macao. Fl. August.

2. **C. uncinatus,** *Poir.*; *C. cuspidatus*, H. B. K.: C. B. Clarke l. c. 598. Hongkong without locality; Taimoshan, Hongkong New Territory; Whampoa: Canton; Macao. Fl. September.

3. **C. radians,** *Nees*; Benth. Fl. Hongk. 386. Hongkong without locality; Cape Syngmun (Capsuimun) Hongkong New Territory; Macao; Pakhoi. Fl. September.

4. **C. diffusus,** *Vahl*; C. B. Clarke l. c. 603. Hongkong without locality: Whampoa. Fl. July to August.

5. **C. difformis,** *Linn.*; Benth. l. c. 385. Hongkong without locality: near Kowloon City, Hongkong New Territory; Swatow: a common weed on the borders of paddy fields, Canton. Fl. April—September.

6. **C. Haspan,** *Linn.*; Benth. l. c. 386. Mt. Gough and in marshes in the Happy Valley, Hongkong; Taimoshan, Hongkong New Territory; Canton; Macao; Pakhoi. Fl. March.

7. **C. Iria,** *Linn.*; Benth. l. c. 386. In wet situations at East Point and Aberdeen, Hongkong: Taimoshan, Hongkong New Territory; on the borders of paddy fields, Canton; Macao; Lienchow River. Fl. September.

8. **C. pilosus,** *Vahl*; Benth. l. c. 387. Hongkong without locality; Castle Peak, Taimoshan and near Lowu, Hongkong New Territory; Whampoa; Canton; Macao: Lienchow River; Lofoushan. Fl. September.

9. **C. malaccensis,** *Lam.*: C. B. Clarke l. c. 608. Castle Peak and Kowloon City, Hongkong New Territory; Whampoa; Macao. Fl. September.

10. **C. distans,** *Linn. f.*; Benth. l. c. 387. Mt. Gough, Hongkong; Macao; Lofoushan. Fl. August.

11. C. eleusinoides, *Kunth*; C. B. Clarke l. c. 608. Stonecutters' Island; Port Shelter, Hongkong New Territory; Canton. Fl. July.
12. C. procerus, *Rottb.*; C. B. Clarke l. c. 610. Stonecutters' Island, Hongkong; Kwangtung without locality. Fl. July.
13. C. Zollingeri, *Steud.*; C. B. Clarke l. c. 613. Hongkong without locality; Whampoa; Macao. Fl. ——.
14. C. radiatus, *Vahl*; C. B. Clarke l. c. 617. In a pool outside N.E. gate, Canton. Fl. September.
15. C. exaltatus, *Retz.*; C. B. Clarke l. c. 617. Canton. Fl. October.
16. C. tegetiformis, *Roxb.*; C. B. Clarke l. c. 612. Near Sheko, Hongkong; Taipo and Castle Peak, Hongkong New Territory; Whampoa; Macao. Fl. July.
17. C. rotundus, *Linn.*: Benth. l. c. 387. Pokfulam and Aberdeen, Hongkong; Castle Peak, Hongkong New Territory; Canton; Macao; Pakhoi. Fl. August.
18. C. stolonifer, *Retz.*; C. B. Clarke l. c. 615. Macao. Fl. November.

4.—MARISCUS.

Key to species.

1.	Spikelets clustered	1. *microcephalus.*
	Spikelets spicate	2.
2.	Spikelets loose, turgid; nuts 3–6 ...	2. *albescens.*
	Spikelets crowded, subulate; nuts, 1–2	3.
3.	Umbel rays ultimately straight ...	3. *Sieberianus.*
	Umbel rays ultimately curved ...	4. *cyperinus.*

1. M. microcephalus, *Presl*; C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 624. In a ditch near the N.E. parade ground, Canton; Lofoushan. Fl. September.
2. M. albescens, *Gaud.*; *Cyperus pennatus*, Benth. Fl. Hongk. 387. Pokfulam village green and Aberdeen, Hongkong; Macao. Fl. July.
3. M. Sieberianus, *Nees*; C. B. Clarke l. c. 622. In grassy places, Hongkong without locality. Fl. April to July.
4. M. cyperinus, *Vahl*; *Cyperus umbellatus*, Benth. l. c. 386. Aberdeen, Hongkong; Macao; Lienchow River. Fl. August.

5.—KYLLINGIA.

Key to species.

1.	Nut-bearing glumes not winged in upper part of keel	2.
	Nut-bearing glumes winged above ...	1. *monocephala.*
2.	Keel setulose below	2. *brevifolia.*
	Keel smooth below	3. *triceps.*

1. K. monocephala, *Rottb.*; Benth. Fl. Hongk. 388. Common in Hongkong: Taimoshan, Hongkong New Territory; abundant weed in sandy soil. Canton; Macao; Pakhoi. Fl. April—September.

2. **K. brevifolia**, *Rottb.*; C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 588. Castle Peak, Hongkong New Territory; on the bank of the Han River, Swatow: Canton: Macao. Fl. April.
3. **K. triceps**, *Rottb.*; C. B. Clarke l. c. 587. Victoria, Hongkong; Macao. Fl. July.

6.—ELEOCHARIS.

Key to species.

1.	Stems thick hollow	2.
	Stems slender	4.
2.	Stems conspicuously jointed	3.
	Stem not jointed	1. *variegata.*
3.	A tuber-bearing cultivated plant ...	2. *tuberosa.*
	A wild plant without tubers	3. *plantaginea.*
4.	Styles 2-fid	5.
	Styles 3-fid	6.
5.	Bristles white	4. *atropurpurea.*
	Bristles brown	5. *capitata.*
6.	Plant 2–4 inches high	6. *acicularis.*
	Plant 4–16 inches high	7. *afflata.*

1. **E. variegata**, *Kunth*: C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 626. Aberdeen, Hongkong; Kuntong, and Tailamcheong, Hongkong New Territory. Fl. July.
2. **E. tuberosa**, *Schultes*; *Scirpus tuberosus*, Roxb. Fl. Ind. i. 210. Whampoa; cultivated in Kwangtung. Fl. ——.
3. **E. plantaginea**, *R. Br.*; C. B. Clarke in Hook f.. Fl. Brit. Ind. vi. 625. Pokfulam, Hongkong: near Sanwai, Hongkong New Territory: stream near Chaochaufu. Fl. October.
4. **E. atropurpurea**, *Kunth*; C. B. Clarke l. c. 627. Macao. Fl.
5. **E. capitata**, *R. Br.*; *Scirpus capitatus*, Linn.; Benth. Fl. Hongk. 394. Hongkong without locality. Fl. ——.
6. **E. acicularis**, *R. Br.*; C. B. Clarke l. c. 628. Marsh near Yit-hai, Han valley; Canton. Fl. April.
7. **E. afflata**, *Steud.*; *Scirpus afflatus*, Benth. l. c. 394. Hongkong without locality; Castle Peak, Hongkong New Territory; fields near Chaochaufu: Canton. Fl. April.

7.—FIMBRISTYLIS.

Key to species.

1.	Lower glumes distichous	2.
	Lower glumes not distichous	6.
2.	Spikelet 1	1. *monostachya.*
	Spikelets several	3.
3.	Leaves hardly any	2. *Actinoschoenus.*
	Leaves several	4.
4.	Leaves short, flat, obtuse	5.
	Leaves long, narrow	3. *cyperoides.*
5.	Leaves glabrous	4. *Eragrostis.*
	Leaves pubescent	5. *fusca.*

6.	Spikelet 1	7.
	Spikelets several	9.
7.	Nut oblong	6. *tetragona.*
	Nut obovoid	8.
8.	Spikelet lanceolate, erect, pale straw-colour	7. *acuminata.*
	Spikelet ovate, oblique, brown ...	8. *nutans.*
9.	Style 2-fid	10.
	Style 3-fid	23.
10.	Spikelets all, or nearly all, solitary ...	11.
	Spikelets all, or most, clustered ...	9. *sericea.*
11.	Stem with few (3–1) spikelets ...	12.
	Stem with many spikelets	14.
12.	Spikelets large, cylindric	13.
	Spikelets medium, ovoid	10. *schoenoides.*
13.	Spikelets $\frac{3}{4}$–1 inch long	11. *subbispicata.*
	Spikelets $\frac{1}{4}$–$\frac{1}{3}$ inch long	12. *Fordii.*
14.	Style base with many long pendent hairs	13. *squarrosa.*
	Style base normal	15.
15.	Nut linear-cylindric, curved	14. *dipsacea.*
	Nut obovoid	16.
16.	Nut longitudinally striate	17.
	Nut smooth reticulate	18.
17.	Spikelets terete...	15. *diphylla.*
	Spikelets angular	16. *dichotoma.*
18.	Spikelets subglobose	17. *rigidula.*
	Spikelets oblong or cylindric	19.
19.	Spikelets $\frac{1}{2}$ inch long	18. *longispica.*
	Spikelets $\frac{1}{6}$–$\frac{2}{5}$ inch long	20.
20.	Gynophore prominent, obpyramidal ...	19. *podocarpa.*
	Gynophore not prominent	21.
21.	Leaves hardly any	20. *ferruginea.*
	Leaves plentiful	22.
22.	Leaves pubescent	21. *aestivalis.*
	Leaves glabrous	28.
23.	Spikelets all, or nearly all, solitary ...	24.
	Spikelets clustered	23. *leptoclada.*
24.	Nut densely trabeculate	25.
	Nut smooth, verrucose or tuberculate...	26.
25.	Spikelets globose	24. *miliacea.*
	Spikelets narrow-lanceolate	25. *kwangtungensis.*
26.	Spikelets $\frac{1}{6}$ inch broad...	27.
	Spikelets $\frac{1}{12}$ inch broad	26. *complanata.*
27.	Spikelets very numerous	27. *Thomsonii.*
	Spikelets about 10	28. *insignis.*
28.	Umbel slender, diffuse	22. *spathacea.*
	Umbel contracted	29. *gracilenta.*

1. **F. monostachya**, *Hassk.*: C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 649. Macao. Fl. June.

2. **F. Actinoschoenus**, *C. B. Clarke*; *Arthrostylis chinensis*, Benth. Fl. Hongk. 397. Wet rocks in woods, Hongkong without locality. Fl. August.

3. F. cyperoides, *R. Br.*; C. B. Clarke l. c. 650. Abundant in marshy places, Canton. Fl. August.
4. F. Eragrostis, *Hance*; *Abildgaardia Eragrostis*, Nees; Benth. l. c. 390. Hongkong without locality; Cape Syngmun (Capsuimun), Hongkong New Territory: Whampoa; Canton; Macao: North River: Lofoushan. Fl. August.
5. F. fusca, *Benth. et Hook. f.*; *Abildgaardia fusca*, Nees: Benth. l. c. 390. Mt. Kellet and Aberdeen, Hongkong; Castle Peak, Hongkong New Territory; White Cloud hills, Canton; West River. Fl. July—October.
6. F. tetragona, *R. Br.*; C. B. Clarke l. c. 631. Aberdeen, Wongchukhang marsh and Wongneichong, Hongkong; very common in spongy soil, Canton. Fl. August.
7. F. acuminata, *Vahl*; Benth. l. c. 391. Mt. Kellet and Aberdeen, Hongkong; Kuntong, Hongkong New Territory. Fl. ——.
8. F. nutans, *Vahl*; Benth. l. c. 391. Aberdeen, Hongkong; abundant in the swamp at the foot of the White Cloud hills, Canton. Fl. August.
9. F. sericea, *R. Br.*; C. B. Clarke l. c. 641. Wet ground, Canton; Macao; Pakhoi. Fl. August.
10. F. schoenoides, *Vahl*; Benth. l. c. 391. Pokfulam, Hongkong. Fl. July.
11. F. subbispicata, *Nees*; Benth. l. c. 391. Hongkong without locality; Macao. Fl. June—October.
12. F. Fordii, *C. B. Clarke* in Hemsl. Enum. Pl. China, iii. 236. Lofoushan. Fl. August.
13. F. squarrosa, *Vahl*; Benth. l. c. 392. In paddy fields, Hongkong. Fl. January—August.
14. F. dipsacea, *Benth. et Hook. f.*; C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 635. Canton. Fl. ——.
15. F. diphylla, *Vahl*: Benth. l. c. 392. Little Hongkong, Aberdeen, Pokfulam and Mt. Kellet, Hongkong; Stonecutters' Island; Castle Peak, Taimoshan and near Lowu, Hongkong New Territory; Lienchow River; Canton. Fl. August—October.
16. F. dichotoma, *Vahl*; C. B. Clarke l. c. 635. Hongkong without locality; Canton; Macao. Fl. June.
17. F. rigidula, *Nees*; C. B. Clarke l. c. 640. Grassy hills, Hongkong without locality. Fl. spring.
18. F. longispica, *Steud.*; C. B. Clarke l. c. 639. Hongkong without locality. Fl. ——.
19. F. podocarpa, *Hook. f.*; C. B. Clarke l. c. 638. Happy Valley, Hongkong. Fl. July.
20. F. ferruginea, *Vahl*: Benth. l. c. 391. Hongkong without locality; near Laichikok, Hongkong New Territory; Pakhoi. Fl. ——.
21. F. aestivalis, *Vahl*; Benth. l. c. 392. Hongkong without locality; Chaochaufu; Canton; North River. Fl. April—August.
22. F. spathacea, *Roth.*; *F. Wightiana*, Nees; Benth. Fl. Hongk. 392. Sandy ground, Hongkong without locality; Castle Peak, Hongkong New Territory; Macao. Fl. ——.

23. **F. leptoclada,** *Benth.* l. c. 393. High West Gap, Hongkong; Whampoa. Fl. August.
24. **F. miliacea,** *Vahl*: Benth. l. c. 393. Wongchukhang, Hongkong; Cape Syngmun (Capsuimun), Taimoshan, Hongkong New Territory; Whampoa; Canton; Pakhoi. Fl. July.
25. **F. kwangtungensis,** *C. B. Clarke* in Hemsl. Enum. Pl. China, iii. 238. Lienchow River. Fl. August.
26. **F. complanata,** *Link.*: C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 646. In a swamp in the Happy Valley woods, Hongkong; Canton. Fl. July—October.
27. **F. Thomsonii,** *Boeck.*; *F. complanata*, Benth. l. c. 393. Causeway Bay, and Aberdeen, Hongkong; Castle Peak, Hongkong New Territory; hill near Chaochaufu; Macao. Fl. April—October.
28. **F. insignis,** *Thwaites*: C. B. Clarke l. c. 645. Damp places Pokfulam, Hongkong; Canton; Pakwan. Fl. August.
29. **F. gracilenta,** *Hance* in Journ. Bot. 1868, 89. Danes' Island, Whampoa; Canton. Fl. August.

8.—BULBOSTYLIS.

Key to species.

Spikelets in a globose head	...	...	1. *barbata.*
Spikelets nearly all solitary	...	...	2. *capillaris.*

1. **B. barbata,** *Kunth*; *Isolepis barbata*, R. Br.; Benth. Fl. Hongk. 393. Deepwater Bay, Hongkong; Lantao Island, Hongkong New Territory; Whampoa; Canton; Macao; Pakhoi. Fl. June—August.
2. **B. capillaris,** *Kunth*: C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 652. Taimoshan, Hongkong New Territory; river bank near Swatow; White Cloud hills, Canton. Fl. April—September.

9.—SCIRPUS.

Key to species.

1.	Stems leafy at base only	...	...	...	2.
	Stem leafy at nodes ...	...	...	...	6.
2.	Stems terete ...	...	...	...	3.
	Stems trigonous	...	...	...	5.
3.	Spikelets subcapitate, terminal			...	8. *subcapitatus.*
	Spikelets in lateral heads		...	...	4.
4.	Spikelets angular	...	...	...	1. *supinus.*
	Spikelets terete...	...	...	...	2. *erectus.*
5.	Glumes notched	...	...	...	3. *triqueter.*
	Glumes not notched, acute		...	...	4. *mucronatus.*
6.	Stems 2–7 ft. long	...	...	...	5. *ternatensis.*
	Stems 1–16 inches long		...	...	7.
7.	Spikelets densely compound, capitate				6. *Michelianus.*
	Spikelets 2–4 ...	...	...	...	7. *squarrosus.*

1. **S. supinus,** *Linn.*; *Isolepis supina*, R. Br.; Benth, Fl. Hongk. 394. In paddy fields, Hongkong. Fl. January.

2. **S. erectus**, *Poir.*; *S. juncoides*, Roxb.; Benth. l. c. 395. Common in paddy fields, Hongkong and New Territory; on the bank of the Han River, and in paddy fields, Chaochaufu, Swatow; Canton; Macao. Fl. April.
3. **S. triqueter**, *Linn.*; C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 658. River bank near Chaochaufu: Canton. Fl. April.
4. **S. mucronatus**, *Linn.*; C. B. Clarke l. c. 657. Whampoa; common in pools near Canton. Fl. September.
5. **S. ternatensis**, *Reinw.*; *S. chinensis*, Munro; Benth. l. c. 395. Near Kennedy Road, Hongkong: slopes of the Phoenix Mt., Swatow. Fl. April.
6. **S. Michelianus**, *Linn.*; C. B. Clarke l. c. 662. Canton. Fl. June to September.
7. **S. squarrosus**, *Linn.*; C. B. Clarke l. c. 663. Fallow fields, Whampoa. Fl. July.
8. **S. subcapitatus**, *Thwaites*: C. B. Clarke l. c. 661. Top of the Phoenix Mt., Swatow. Fl. April.

10.—FUIRENA.

Key to species.

Petal-like scales clawed, with subquadrate heads	1. *glomerata.*
Petal-like scales obovate, subsessile ...	2. *umbellata.*

1. **F. glomerata**, *Lam.*: Benth. Fl. Hongk. 396. Hongkong without locality; Kuntong and Castle Peak, Hongkong New Territory; Macao; Pakhoi. Fl. November.
2. **F. umbellata**, *Rottb.*; Benth. l. c. 395. Happy Valley and Victoria Peak, Hongkong; Castle Peak, Hongkong New Territory; Macao; Lienchow River. Fl. August.

11.—HYPOLYTRUM.

1. **H. latifolium**, *Rich.*; Benth. l. c. 389. On a bank above Ice House Road, Robinson Road, and elsewhere, Hongkong; Swatow: Canton: Lienchow River: Lofoushan. Fl. June.

12.—LIPOCARPHA.

Key to species.

Glumes incurved at tip	1. *argentea.*
Glumes with reflexed excurrent midrib	2. *microcephala.*

1. **L. argentea**, *R. Br.*: Benth. Fl. Hongk. 388. In wet places in the Happy Valley, Hongkong. Fl. December.
2. **L. microcephala**, *Kunth*: Benth. l. c. 388. Hongkong without locality. Fl. autumn.

13.—LEPIRONIA.

1. **L. mucronata**, *Rich.*; C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 684. Hongkong without locality; Kwangtung without locality, and largely cultivated. Fl. November.

14.—REMIREA.

1. **R. maritima,** *Aubl.*; C. B. Clarke l. c. 677. Canton. Fl. ——.

15.—RYNCHOSPORA.

Key to species.

1. Spikelets in a single terminal head	...	1. *Wallichiana.*
Spikelets in a panicle ...	... ...	2.
2. Leaves ½–1 inch broad	... ...	2. *aurea.*
Leaves ⅙ inch broad or less	... ...	3.
3. Leaves setaceous	... ...	3. *gracillima.*
Leaves $\frac{1}{12}$–⅙ inch broad	... ...	4. *glauca.*

1. **R. Wallichiana,** *C. B. Clarke, Rhynchospora Wallichiana,* Kunth; Benth. Fl. Hongk. 396. Taitam Tuk and elsewhere, Hongkong; Taimoshan, Hongkong New Territory; Pakhoi: West River. Fl. June—August.
2. **R. aurea,** *Vahl*; *Rhynchospora aurea,* Benth. l. c. 396. Deepwater Bay and Mt. Parker, Hongkong; Castle Peak, Hongkong New Territory. Fl. August—November.
3. **R. gracillima,** *C. B. Clarke* in Hook. f. Fl. Brit. Ind. vi. 671. Hongkong without locality. Fl. ——.
4. **R. glauca,** *Vahl*; *Rhynchospora laxa,* R. Br.; Benth. l. c. 397. Aberdeen and Little Hongkong, Hongkong; Castle Peak, Hongkong New Territory; on the bank of the Han River, Swatow. Fl. April—July.

16.—LEPIDOSPERMA.

1. **L. chinense,** *Nees*; Benth. l. c. 398. Causeway Bay, North Point, Stanley road and common in damp places, Hongkong; Cape Syngmun (Capsuimun), Hongkong New Territory; hills near Chaochaufu; Macao. Fl. December.

17.—CLADIUM.

Key to species.

1. Leaves ½–1-inch broad	... ...	1. *ensigerum.*
Leaves narrow ...	... ...	2.
2. Leaves hardly any on stem	... ...	2. *glomeratum.*
Leaves long, at each node	... ...	3. *jamaicense.*

1. **C. ensigerum,** *Hance* in Journ. Bot. 1885, 80. Pokfulam, and on side of stream above Pokfulam reservoir, Hongkong. Fl. January—May.
2. **C. glomeratum,** *R. Br.*; C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 675. Pokfulam, Hongkong. Fl. January.
3. **C. jamaicense,** *Crantz*; *C. Mariscus,* R. Br.; Benth. Fl. Hongk. 397. Mt. Parker, Hongkong; Taimoshan, Hongkong New Territory; Macao. Fl. May.

18.—GAHNIA.

Key to species.

Panicle condensed, narrow	1. *tristis.*
Panicle loose, spreading	2. *javanica.*

1. **G. tristis,** *Nees*; Benth. Fl. Hongk. 398. Bowen Road, Wanchai Gap and East Point in swamps, Hongkong: Taimoshan, Hongkong New Territory; Macao. Fl. March—November.
2. **G. javanica,** *Moritzi*; C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 676. Phoenix Mt., Swatow. Fl. April.

19.—SCLERIA.

Key to species.

1.	Bisexual spikelets many	2.
	Bisexual spikelets none or few ...	3.
2.	Panicle compound, branches 4 inches long	1. *lithosperma.*
	Panicle with distant axillary corymbs	2. *Ridleyi.*
3.	Slender plant with fibrous roots, or with very short and not thick rhizomes	3. *biflora.*
	Robust plant with thick woody rhizomes	4.
4.	Middle sheaths winged	4*a*.
	Middle sheaths not or obscurely winged	6.
4*a*.	Nut tessellated	5.
	Nut obscurely reticulated or smooth ...	7.
5.	Ligule depressed ovate	4. *elata.*
	Ligule with margin prolonged below ...	5. *chinensis.*
6.	Leaves whorled	7.
	Leaves alternate	6. *Harlandi.*
7.	Stem scabrous; disc lobes small, ovate	7. *Radula.*
	Stem smooth; disc lobes $\frac{1}{3}$ as long as nut, lanceolate	8. *hebecarpa.*

1. **S. lithosperma,** *Swartz*; Benth. Fl. Hongk. 399. Aberdeen, Hongkong; Macao. Fl. August.
2. **S. Ridleyi,** *C. B. Clarke*; *S. laevis*, Benth. l. c. 400. Hongkong without locality. Fl. December.
3. **S. biflora,** *Roxb.*; *S. tessellata*, Benth. l. c. 399. Hongkong; Kuntong, Hongkong New Territory. Fl. October.
4. **S. elata,** *Thwaites*; C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 690. Mt. Kellet, Hongkong: White Cloud hills. Fl. July.
5. **S. chinensis,** *Kunth*; Benth l. c. 400. Abundant in ravines. Hongkong; Macao. Fl. December to March.
6. **S. Harlandi,** *Hance*; *S. purpurascens*, Benth. l. c. 400. Hongkong without locality. Fl. April.
7. **S. Radula,** *Hance*; *S. laevis*, var. *scaberrima*, Benth. l. c. 400. Mt. Kellet, Hongkong: Castle Peak, Hongkong New Territory: hill near Chaochaufu. Fl. April—July.
8. **S. hebecarpa,** *Nees*; C. B. Clarke l. c. 689. Aberdeen, Hongkong; Whampoa; Macao; Pakhoi; Lienchow River; Lofoushan. Fl. August.

20.—DIPLACRUM.

1. **D. caricinum,** *R. Br.*; *Scleria caricina*, Benth.; C. B. Clarke l. c. 688. Hongkong without locality; Kuntong, Honkkong New Territory. Fl. September.

21.—CAREX.

Key to species.

1.	Spikelets in compound panicles ...	2.
	Spikelets in simple racemes	4.
2.	Leaves 1–2 inches broad	1. *scaposa.*
	Leaves $\frac{3}{8}$–$\frac{5}{8}$ inch broad	3.
3.	Spikelets $1\frac{1}{2}$–2 inches long	2. *baccans.*
	Spikelets under 1 inch long	3. *cruciata.*
4.	Terminal spikelet female at top ...	5.
	Terminal spikelet male at top or wholly male	7.
5.	Spiklets pedunculate	6.
	Spikelets sessile	4. *gibba.*
6.	Upper spikelets with few fruits, ovate	5. *hanensis.*
	Upper spikelets with many fruits, cylindric	6. *Spachiana.*
7.	One to three spikelets male, remainder female or androgynous ...	8.
	All spikelets androgynous	21.
8.	Male spikelets 2 or 3, female 3 or 4 ...	7. *pumila.*
	Male spikelet 1	9.
9.	Female spikelets 3 or 4, none androgynous	10.
	Two or more spikelets androgynous ...	19.
10.	Glumes with excurrent midrib ...	11.
	Glumes without excurrent midrib ...	15.
11.	Utricle glandular or pubescent ...	12.
	Utricle glabrous	13.
12.	Utricle densely glandular	16.
	Utricle pubescent	8. *chinensis.*
13.	Female spikelets ovate	9. *canina.*
	Female spikelets linear	14.
14.	Female spikelets lax, drooping ...	10. *fusiformis.*
	Female spikelets dense, erect	11. *Phoenicis.*
15.	Utricle densely papillose	12. *maculata*
	Utricle not papillose	17.
16.	Spikelet $\frac{1}{6}$ inch broad, compact ...	13. *phacota.*
	Spikelet broader and laxer	14. *pruinosa.*
17.	Glumes obtuse	15. *ligata.*
	Glumes acute	18.
18.	Utricle glabrous	16. *nexa.*
	Utricle pubescent	17. *manca.*
19.	Stems elongated; leaves narrow ...	20.
	Stem short; leaves very broad ...	18. *Harlandi.*
20.	Peduncles fascicled	19. *tristachya.*
	Peduncles distant	20. *tenebrosa.*

21. Spikelets short ... ... 22.
Spikelets 1–3 inches long ... ... 23.
22. Ripe utricles divaricate ... ... 21. *graciliflora.*
Ripe utricles ascending ... ... 22. *cryptostachya.*
23. Spikelets several from each node ... 23. *brunnea.*
Spikelets solitary at the nodes ... 24. *longipes.*

1. **C. scaposa,** *C. B. Clarke* in Bot. Mag. t. 6940. Maönshan, Hongkong New Territory; Kwaisin, Hoifung; East River; Lofoushan. Fl. October.

2. **C. baccans,** *Nees*; C. B. Clarke in Hook. f. Fl. Brit. Ind. vi. 722. Taimoshan at 1500 ft., Hongkong New Territory. Fl. Spring.

3. **C. cruciata,** *Wahlenb.*; *C. benghalensis,* Roxb.; Benth. Fl. Hongk. 401. Hongkong without locality; Kuntong, Hongkong New Territory; White Cloud hills, Canton; Lienchow River. Fl. August.

4. **C. gibba,** *Wahlenb.*; Kükenth. in Engl. Pflanzenr. Cyper.-Caric. 238. Chaochaufu. Fl. April.

5. **C. hanensis,** *Dunn* sp. n., *C. Spachianae,* Boott, affinis, spicis superioribus ovatis distincta.

Herba caespitosa, 30–40 cm. alta, glabra. *Folia* omnia basalia, fibris foliorum vetustiorum cincta, 30 cm. longa, 3 mm. lata, marginibus minute scabris, apice filiformia. *Scapi* 20–30 cm. longi, basi foliis vaginati. *Spicae* 4–5; superiorum androgynarum sessilium ebracteatarum pars foemina apicalis fructu ovata, pars mascula basalis aequilonga; inferiores distantes, in axillis bractearum longarum foliacearum graciliter pedunculatae, foemineae; infima inter folia basalia oriens; bractearum vaginae 1·5 cm. longae. *Gluma* foeminea 3–4 mm. longa, oblonga, obtusa, scariosa, uninervis. *Utriculus* ovatus, ventricosus, in rostrum gracile acuminatus, 6–7 mm. longus, membranaceus, omnino glaber, pallidus, obscure paucinervis, rostro 2 mm. longo breviter bidentato. *Nux* trigonus, 1·5 mm. longus, stipitatus; stipes nuce paullo brevior. *Styli* 3.

Dry hills in the lower Han valley, Yit-hai, 10.4.1909. Dunn's Han Expedition, Herb. Hongk. n. 5878.

6. **C. Spachiana,** *Boott*; Franch. in Nouv. Arch. Mus. sér. ix. 137. River banks near Chaochaufu; Macao. Fl. April.

7. **C. pumila,** *Thunb.*; Benth. l. c. 402. Dunes, Hongkong without locality. Fl. Spring.

8. **C. chinensis,** *Retz.*; Benth. l. c. 402. Victoria Peak, and abundant in ravines, Hongkong; hedges near Chaochaufu; Macao. Fl. April.

9. **C. canina,** *Dunn* in Journ. Bot. 1910, 325. Lantao Island, Hongkong New Territory. March.

10. **C. fusiformis,** *Nees*; C. B. Clarke l. c. 736. Han Valley near Chaochaufu. Fl. March.

11. **C. Phoenicis,** *Dunn* sp. n., *C. tenebrosae,* Boott affinis, spicis unisexualibus utriculoque breviter bifido differt.

Herba stolonifera, rigida, 50–70 cm. alta, glabra. *Folia* omnia basalia, 60 cm. longa, 7–8 mm. lata, marginibus minute

scaberula, apice filiformia. *Scapi* 50 cm. longi. *Spicae* 5–6, suprema mascula, ceteris foemineis approximatis, 5–6 cm. longae, cylindricae; foemineae fructu 7–9 mm. latae; bracteae foliaceae; vaginae 2–3 cm. longae; pedunculi robusti, erecti, inferioribus ad 10 cm. longis, superioribus brevioribus. *Gluma* foeminea oblongo-ovata, cum nervo unico excurrente laminae aequilongo 4–6 mm. longa. *Utriculus* ovatus, in rostrum brevem gradatim angustatus, 6 mm. longus, omnino glaber, pallidus, striatus, paucinervis, rostro breviter bidentato. *Nux* ovatus, acuminatus, uno latere intrusus, apice explanatus, breviter stipitatus, utriculum fere implens. *Styli* 3.

On the banks of streams at the foot of the Phoenix Mountain. Dunn's Han Expedition, Herb. Hongk. n. 6231. Fl. March.

12. **C. maculata**, *Boott*; C. B. Clarke l. c. 735. Swamps on the White Cloud hills, Canton. Fl. April.

13. **C. phacota**, *Spreng.*; C. B. Clarke l. c. 708. Banks of the Han River, Swatow; Canton. Fl. April.

14. **C. pruinosa**, *Boott*; C. B. Clarke l. c. 709. Mt. Kellet, Hongkong; hills near Chaochaufu. Fl. April.

15. **C. ligata**, *Boott* in Benth. l. c. 402. Mt. Gough, Mt. Kellet, and Victoria Peak, Hongkong. Fl. spring.

16. **C. nexa**, *Boott* in Benth. l. c. 402. Mt. Gough, Mt. Victoria and Happy Valley, Hongkong; Chaochaufu, Swatow district. Fl. April.

17. **C. manca**, *Boott* in Benth. l. c. 402. Hongkong without locality; Taimoshan, Hongkong New Territory. Fl. February.

18. **C. Harlandi**, *Boott*; Benth. l. c. 403. In the woods behind the Buddhist Temple, Causeway Bay, in a ravine at West Point, Mt. Gough, and on Mt. Nicholson, Hongkong; Taimoshan at 1500 ft. Hongkong New Territory. Fl. February—April.

19. **C. tristachya**, *Thunb.*: Kükenth. in Engl. Pflanzenr. Cyper.-Caric. 471. Chaochaufu, Swatow District; Whampoa; Canton. Fl. April.

20. **C. tenebrosa**, *Boott*: Benth. l. c. 402. In the Happy Valley woods and Victoria Peak, Hongkong; Castle Peak, Hongkong New Territory. Fl. Winter.

21. **C. graciliflora**, *Dunn* in Journ. Linn. Soc. xxxviii. 372. Stream on the slopes of the Phoenix Mt., Swatow. Fl. April.

22. **C. cryptostachys**, *Brongn.*: Benth. l. c. 403. Hongkong without locality; Taimoshan, Hongkong New Territory. Fl. February—April.

23. **C. brunnea**, *Thunb.*: Clarke l. c. 705. On the dry, bushy banks above the road south of Magazine Gap, Hongkong. Fl. July to August.

24. **C. longipes**, *D. Don*; Clarke l. c. 704. Happy Valley, Hongkong. Fl. ——.

GRAMINEAE.

Key to genera.

(In this and subsequent keys glume I is the outer one, glume II the next and so on.)

1. Spikelet with 1 fertile flower with or without a second male one below it	2.
Spikelet with 2 or more heramphrodite flowers or the upper unisexual ...	69.
2. Spikelets or spikes more or less pedicellate in an irregular spreading or spike-like panicle	45.
Spikelets sessile or in pairs, one sessile one pedicellate, or subsessile, in a spike or on the spike-like branches of inflorescence	3.
3. Spikelets not in distinct rows, but sessile or shortly pedicellate, forming a dense cylindrical spike or spike-like panicle	4.
Spikelets singly sessile or in pairs, in 2 or 4 rows, in a simple usually 1-sided spike or on the sessile spike-like branches of a simple panicle...	14.
4. Spikelets awned	5.
Spikelets awnless	10.
5. Only flowering glumes awned... ...	6.
Outer glumes awned	9.
6. Spikelets flat, awn on back of glume...	47. *Alopecurus* (p. 325).
Spikelets not flat, awn terminal ...	7.
7. Awns of spikelet 2–3	29. *Pogonatherum* (p. 320).
Awns of spikelet 1	8.
8. Axis of spikelet produced and penicillate with long silky hairs ...	52. *Deyeuxia* (p.326).
Axis not produced	51. *Calamagrostis* (p. 326).
9. Racemes simple ; awns much longer than glumes	22. *Perotis* (p. 318).
Panicle branched but dense spike-like ; awns very short	50. *Polypogon* (p. 326).
10. Spikelets surrounded by bristles or hairs	11.
Spikelets naked	13.
11. Spikelets surrounded by bristles ...	12.
Spikelets surrounded by silky hairs ...	24. *Imperata* (p. 318).
12. Spikelets in spike-like panicle ...	9. *Setaria* (p. 316.).
Spikelets in spikes or racemes ...	10. *Pennisetum* (p. 316.)

13. Outer glumes 3 ; flowering glumes hard ... 6. *Panicum* (p. 314).
Outer glume 1 ; flowering glumes very thin ... ... 23. *Zoysia* (p. 318).
14. Spikelets awnless or with straight awns ... 15.
Spikelets with twisted awns from flowering glumes ... ... 36.
15. Spikelets hermaphrodite ... ... 16.
Spikelets unisexual ... ... 33.
16. Flowering glumes enclosing the grain, as stiff as or harder than the outer ones ... ... 17.
Flowering glumes and palea small, very thin and transparent ... 26.
17. Glume concave, 3-nerved : fertile flowers terminal ... ... 18.
Glume strongly keeled ; axis of spikelet projecting beyond palea ... 24.
18. Awn single ... ... 19.
Awn absent or triple ... ... 21.
19. Lower glume awned ... ... 8. *Oplismenus* (p. 316).
Lower glume without awn ... ... 20.
20. Awn on glume IV ... ... 2. *Axonopus* (p. 313).
Awns on glumes II and III ... ... 3. *Panicum* (p. 313).
21. Setae present among spikelets ... 9. *Setaria* (p. 316).
No setae among spikelets ... ... 22.
22. Two empty glumes outside the flowering ones ... ... 23a.
Three empty glumes ... ... 23.
23. Outer glume minute ... ... 5. *Digitaria* (p. 314).
Outer glume well developed ... ... 6. *Panicum* (p. 314).
23a. Rachis of spikelets flat prolonged beyond them ... ... 11A. *Stenotaphrum* (p. 317).
Rachis not prolonged ... ... 1. *Paspalum* (p. 313).
24. Axis ending in a minute point at back of palea ... ... 57. *Cynodon* (p. 326).
Axis bearing several empty shortly awned glumes above fertile flower 25.
25. Spike digitate ... ... 58. *Chloris* (p. 327).
Spikes distant in a long panicle ... 67. *Lophatherum* (p. 329).
26. Spikelets singly sessile or indented ... 27.
Spikelets indented in pairs, 1 sessile, 1 pedicillate ... ... 31.
27. Outer glume pectinate ... ... 36. *Eremochloa* (p. 321).
Glume not pectinate ... ... 28.
28. Outer glume small, truncate, hyaline ; panicle branches awned ... ... 11. *Chamaeraphis* (p. 316).
Outer glume large ... ... 29.
29. Spikelet scarcely indented; glume II stiff 30.

	Spikelet indented; one hard outer glume	34. *Ophiurus* (p. 321).
30.	Outer glume membranous, 1-nerved ...	56. *Microchloa* (p. 326).
	Outer glume tubercled, 7–10 nerved...	32. *Arthraxon* (p. 321).
31.	Both spikelets 1-flowered	33. *Rottboellia* (p. 321).
	Sessile spikelet with a second flower which is male; pedicellate one reduced to a glume	32.
32.	Outer glume globose	35. *Manisuris* (p. 321).
	Outer glume flat with incurved margins	37. *Ischaemum* (p. 322).
33.	Female flower in a hard white vesicle...	13. *Coix* (p. 317).
	Female flower not in a white vesicle ...	34.
34.	Female flowers crowded on a spongy spike	14. *Zea* (p. 317).
	Female flowers not crowded on a spongy spike	35.
35.	Spikelets in a simple spike, upper ones male, lower fertile	11B. *Thuaria* (p. 317).
	Spikelets dioecious, male ones in clustered spike, female solitary among clustered bracts	12. *Spinifex* (p. 317).
36.	Spikelets singly sessile or accompanied by a rudimentary pedicel	37.
	Spikelets in pairs, one sessile, the other pedicelled	39.
37.	Glumes acute	38.
	Outer glumes broad and truncate ...	30. *Apocopis* (p. 320).
38.	Spikes many; leaves deeply cordate ...	32. *Arthraxon* (p. 321).
	Spikes 1, 2 or many; leaves not cordate	31. *Dimeria.* (p. 320).
39.	Both spikelets awned	40.
	One spikelet awnless	42.
40.	Glume IV more than ½ glume II or spike solitary	41.
	Glume IV minute; spikes subdigitate	28. *Pollinia* (p. 319).
41.	Inflorescence digitate	37. *Ischaemum* (p. 322).
	Inflorescence racemose...	29. *Pogonatherum* (p. 320).
42.	Sessile spikelet hermaphrodite ...	43.
	All spikelets monoecious	38. *Heteropogon* (p. 322).
43.	Bisexual flower alone in the sessile spikelet	44.
	One bisexual and one male flower in sessile spikelet	37. *Ischaemum* (p. 322).

44.	Spikes sessile in pairs on a common peduncle under each bract ...	40. *Cymbopogon* (p. 323).
	Spikes not as above	39. *Andropogon* (p. 322).
45.	Spikelet singly pedicellate, awnless or with a straight or rarely twisted awn	46.
	Spikelets in twos or threes, one or more pedicellate; flowering glumes very thin, transparent with a twisted awn or rarely 0	59.
46.	No glumes outside the bisexual ones ...	47.
	Outer empty or male glumes 2–3 ...	48.
47.	Spikelets unisexual, ovate	15. *Zizania* (p. 317).
	Spikelets bisexual, compressed ...	17. *Leersia* (p. 317).
48.	Outer empty or male glumes 2 ...	49.
	Outer empty or male glumes 3 ...	54.
49.	Awns 0–2	50.
	Awns 3, flowering glume convolute, spikelet narrow	48. *Aristida* (p. 325).
50.	Flowering glume longer than outer; leaves linear	53.
	Flowering glume shorter than one or all of the outer or leaves ovate ...	51.
51.	Spikelets minute, $\frac{1}{30}$ inch	19. *Sphaerocaryum* (p. 317).
	Spikelets more than $\frac{1}{8}$ inch	52.
52.	Spikelet with a callous base	3. *Eriochloa* (p. 313.)
	Spikelet without callous base	18. *Garnotia* (p. 317).
53.	Spikelets less than $\frac{1}{8}$ inch long ...	49. *Sporobolus* (p. 325).
	Spikelets over $\frac{1}{4}$ inch long	16. *Oryza* (p. 317).
54.	Flowering glumes thicker than outer ones	55.
	Flowering glumes thinner than outer ones	56.
55.	Spikelets not articulate on pedicel ...	4. *Isachne* (p. 313).
	Spikelets articulate on pedicel ...	57.
56.	Outer glumes shorter than flowering ones	21. *Thysanolaena* (p. 318).
	Outer glumes longer than flowering ones	20. *Arundinella* (p. 318).
57.	Flowering glume appendaged at base...	7. *Ichnanthus* (p. 316).
	Flowering glume not appendaged at base	58.
58.	No setae among spikelets	6. *Panicum* (p. 314).
	Setae present	9. *Setaria* (p. 316).
59.	Panicle with sheathing bracts at its ramifications	60.
	Panicle without sheathing bracts at its ramifications	64.

60. Spikelets 1 sessile and 2 pedicelled in each bract ... ... 46. *Apluda* (p. 325).
Spikelets more than 3 in each bract ... 61.
61. Spike surrounded by a whorl of male flowers ... ... 62.
Male flowers not in a whorl ... ... 63.
62. Inflorescence enclosed by cylinder of florets ... ... 45. *Germainia* (p. 324).
Inflorescence fanshaped, globose or paniculate ... ... 43. *Themeda* (p. 324).
63. Two short spikes in each bract ... 40. *Cymbopogon* (p. 323).
Many fascicled spikes in each bract ... 44. *Pseudanthistiria* (p. 324).
64. Outer glume thin, enveloped in long silky hairs ; panicle large ... ... 65.
Outer glume stiff, usually longer than the outer hairs ... ... 66.
65. Spikelets awned ... ... 25. *Miscanthus* (p. 319).
Spikelets awnless ... ... 26. *Saccharum* (p. 319).
66. Rachis caniculate ... ... 68.
Rachis filiform ... ... 67.
67. Glumes ciliate ... ... 27. *Spodiopogon* (p. 319).
Glumes glabrous ... ... 42. *Sorghum* (p. 324).
68. Spikelets in pedicellate spikes... ... 39. *Andropogon* (p. 322).
Spikelets in threes, 1 sessile between 2 pedicellate ... ... 41. *Chrysopogon* (p. 324).
69. Spikelets all distinctly pedicellate and panicled ... ... 70.
Spikelets sessile or subsessile ... ... 80.
70. Awn long and twisted ... ... 55. *Avena* (p. 326).
Awn none or straight and short ... 71.
71. Flowering glumes surrounded by long dense silky hairs ; tall reeds with large panicles ... ... 72.
Spikelets glabrous or shortly hairy ... 74.
72. Flowering glume 3-fid ... ... 73.
Flowering glume aristate ... ... 64. *Phragmites* (p. 328).
73. The long hairs on flowering glumes ... 62. *Arundo* (p. 327).
The long hairs on rachis ... ... 63. *Neyraudia* (p. 328).
74. Spikelets small with 2 flowers ... 75.
Spikelets flat, with 3 or usually many flowers ... ... 78.

75. Glumes of similar consistence, the outer ones shorter and unequal; panicle narrow ... ... 54. *Coelachne* (p. 326).
Panicle spreading ... ... 76.
76. Glumes keeled or boatshaped ... ... 77.
Glumes convex, cup-shaped ... ... 4. *Isachne* (p. 313).
77. Spikelets $\frac{1}{36}$ inch ... ... 19. *Sphaerocaryum* (p. 317).
Spikelets $\frac{1}{16}$–$\frac{1}{12}$ inch ... ... 53. *Eriachne* (p. 326).
78. Flowering glumes 1–3-nerved... ... 65. *Eragrostis* (p. 328).
Flowering glumes 5–7-nerved ... 79.
79. Spikelets awnless ... ... 68. *Briza* (p. 329).
Spikelets awned ... ... 69. *Bromus* (p. 330).
80. Spikelets in 1 or 2 rows along one side of the spike-like branches of a simple panicle ... ... 81.
Spikelets sessile, irregularly clustered on solitary simple branched panicles... 85.
81. Spikes digitate ... ... 82.
Spikes alternate or clustered in a long panicle ... ... 84.
82. Spikelets awnless or with short points 83.
Awns longer than glumes ... ... 58. *Chloris* (p. 327).
83. Spikelets very flat, closely imbricate; glumes shortly pointed ... ... 60. *Dactyloctenium* (p. 328).
Spikelets narrow; glumes obtuse ... 59. *Eleusine* (p. 327).
84. Leaves narrow ... ... 61. *Leptochloa* (p. 327).
Leaves 1 inch or more broad ... ... 66. *Centotheca* (p. 329).
85. Herb with small flat spikelets... ... 65. *Eragrostis* (p. 328).
Tall shrubby or tree-like bamboo ... 86.
86. Leaves tessellated with transverse veins 87.
Leaves without conspicuous transverse veins ... ... 89.
87. Culm cylindric ... ... 88.
Culm grooved on one side ... ... 71. *Phyllostachys* (p. 330).
88. Leaves more than 1 inch broad ... 72. *Bambusa* (p. 331).
Leaves under 1 inch in breadth ... 70. *Arundinaria* (p. 330).
89. Leaves more than 1 inch broad ... 90.
Leaves under 1 inch broad ... ... 91.
90. Leaves acuminate at base ... ... 73. *Dendrocalamus* (p. 331).
Leaves truncate or subcordate at base 72. *Bambusa* (p. 331).
91. Thorny bamboo ... ... 72. *Bambusa* (p. 331).
Unarmed ... ... 92.

92. Robust arborescent bamboo, 20–30 feet high...	72. *Bambusa* (p. 331).
Small shrubby bamboo	74. *Schizostachyum* (p. 331).

1.—PASPALUM.

Key to species.

1. Spikelets orbicular, obtuse	2.
Spikelets ovate-oblong, acute	1. *distichum.*
2. Glume II herbaceous, 5-nerved ...	2. *scrobiculatum.*
Glume II hyaline, ciliate	3. *conjugatum.*

1. **P. distichum,** *Linn.*; Hook. f. Fl. Brit. Ind. vii. 12. Aberdeen, Hongkong; near Chaochaufu; Paksha extreme S. of province. Fl. April—July.
2. **P. scrobiculatum,** *Linn.*; Benth. Fl. Hongk. 408. Roadside near West Point and Pokfulam, Aberdeen, Hongkong: Castle Peak, Hongkong New Territory; on the bank of the Han River, Swatow; in a pool at the foot of the White Cloud hills; West River. Fl. April.
3. **P. conjugatum,** *Berg*; Hook. f. l. c. 11. Mt. Gough, Hongkong. Fl. July.

2.—AXONOPUS.

Key to species.

Leaves long, linear	1. *semialatus.*
Leaves ovate or ovate-lanceolate ...	2. *cimicinus.*

1. **A. semialatus,** *Hook. f.* Fl. Brit. Ind. vii. 64. Near Aberdeen, Hongkong; White Cloud hills, Canton. Fl. March—May.
2. **A. cimicinus,** *Beauv.*; Hook. f. l. c. 64. Happy Valley woods, Hongkong. Fl. late Summer?

3.—ERIOCHLOA.

1. **E. ramosa,** *Hack.*; *E. annulata*, Kunth; Benth. Fl. Hongk. 409. Hongkong without locality; Macao. Fl. ——.

4.—ISACHNE.

Key to species.

Leaves narrow-lanceolate, very rough; outer glume glabrous	1. *australis.*
Leaves ovate, not 1 inch long; outer glumes pubescent	2. *firmula.*

1. **I. australis,** *R.Br.*; Benth. Fl. Hongk. 414. Hongkong without locality; Kuntung, Hongkong New Territory; edges of rice fields, ditches and stagnant pools, Canton. Fl. September.
2. **I. firmula,** *Büse*; *I. Myosotis*, Benth. l. c. 415. In damp situations about Victoria, Hongkong. Fl. ——.

5.—DIGITARIA.

Key to species.

1. Spikes 1–4 inches long		2.
Spikes 6–12 inches long	1.	*barbata.*
2. Rachis more or less flattened		3.
Rachis filiform		4.
3. Glume II 3-nerved	2.	*tenuispica.*
Glume II 5-nerved	3.	*sanguinalis.*
4. Leaves lanceolate	4.	*longiflora.*
Leaves filiform	5.	*setifolia.*

1. **D. barbata**, *Willd.*; *Panicum barbatum*, Kunth; Benth Fl. Hongk. 410. In the Happy Valley, Hongkong; Pakhoi. Fl. —.
2. **D. tenuispica**, *Rendle* in Hemsl. Enum. Pl. China, iii. 326. Macao. Fl. ——.
3. **D. sanguinalis**, *Scop.*; *Panicum sanguinale*, Linn.; Benth. Fl. Hongk. 410. Victoria Peak and Aberdeen, Hongkong; river bank near Chaochaufu; Canton. Fl. April—September.
4. **D. longiflora**, *Pers.*; *Paspalum brevifolium*, Fluegg.; Benth. l. c. 408. In the Botanic Gardens, and on the racecourse, Hongkong; Whampoa. Fl. ——.
5. **D. setifolia**, *Stapf* in Dyer Fl. Cap. vii. 376. Hills on the south side of the island, Hongkong; near Canton. Fl. May.

6.—PANICUM.

Key to species.

1. Panicle branches awned	1.	*patens.*
Panicle branches not awned		2.
2. Panicle simple with sessile one-sided spike-like branches		3.
Panicle compound or spike-like ...		7.
3. Spikelets alternating in 2 rows ...	2.	*distachyum.*
Spikelets crowded or clustered ...		4.
4. Spikes nearly equi-distant, forming a long slender panicle; spikelets $\frac{1}{12}$ inch, awnless	3.	*colonum.*
Spikes crowded		5.
5. Leaves ovate-lanceolate, broad and amplexicaul at base		6.
Leaves linear	4.	*Crus-galli.*
6. Leaves densely pubescent	5.	*villosum.*
Leaves nearly glabrous	6.	*prostratum.*
7. Panicle contracted into a cylindrical spike	7.	*indicum.*
Panicle compound, with slender branches more or less spreading		8.
8. Spikelets clustered or in short spikes along the branches...	8.	*nodosum.*
Spikelets distinct, all pedicellate, $\frac{1}{24}$–$\frac{1}{8}$ inch long		9.

9.	Leaves rather narrow, tapering or rounded at the base	10.
	Leaves broad, cordate at the base ...	15.
10.	Annual plant, erect, leafy	11.
	Perennial plant	13.
11.	Outer glume obtuse	9. *psilopodium.*
	Outer glume acuminate	12.
12.	Outer glume 3-nerved	12a.
	Outer glume 5-nerved	11. *trypheron.*
12a.	Leaves at least $\frac{1}{10}$ as broad as long ...	1. *patens.*
	Leaves at least 20 times as long as broad	10. *humile.*
13.	Outer glume equal to $\frac{1}{3}$ of glume III	14.
	Outer glume equal to $\frac{1}{2}$ or more of glume III	12. *sarmentosum.*
14.	Panicle 3 to 8 inches long	13. *repens.*
	Panicle 1–2 feet long	14. *maximum.*
15.	Leaves lanceloate, 4–10 inches long ...	15. *montanum.*
	Leaves ovate-lanceolate, 2 inches long	16. *brevifolium.*

1. **P. patens,** *Linn.*; Hook. f. Fl. Brit. Ind. vii. 57. Happy Valley, Peak Road and Causeway Bay, Hongkong; Castle Peak, Hongkong New Territory. Fl. October.
2. **P. distachyum,** *Linn.*; Benth. Fl. Hongk. 410. Aberdeen, Hongkong. Fl. August.
3. **P. colonum,** *Linn.*; Benth. l. c. 411. Mt. Kellet, Hongkong; Castle Peak, and near Kowloon City, Hongkong New Territory; fields near Chaochaufu. Fl. April.
4. **P. Crus-galli,** *Linn.*; Benth. l. c. 411. Paddy fields, Hongkong; Canton; Whampoa; Macao; Pakhoi. Fl. June.
5. **P. villosum,** *Lam.*; Hook. f. l. c. 34. Wongmau Islands; Canton; Whampoa; Macao. Fl. May to July.
6. **P. prostratum,** *Lam.*; Hook. f. l. c. 33. Whampoa. Fl. ——.
7. **P. indicum,** *Linn.*; Benth. l. c. 413. About Victoria and Aberdeen, Hongkong; Taimoshan, Hongkong New Territory; Chaochaufu, Swatow; Pakhoi. Fl. April—July.
8. **P. nodosum,** *Kunth*; Benth. l. c. 412. In the Happy Valley woods, Hongkong. Fl. January.
9. **P. psilopodium,** *Trin.*; Hook. f. l. c. 46. Around Macao. Fl. —.
10. **P. humile,** *Nees*; Hook. f. l. c. 48. Canton; Whampoa; Pakhoi. Fl. September.
11. **P. trypheron,** *Schult.*; Hook. f. l. c. 47. Hongkong without locality; Whampoa; Macao. Fl. ——.
12. **P. sarmentosum,** *Roxb.*; Benth. l. c. 412. In the wood behind the Buddhist temple, Causeway Bay, Hongkong. Fl. December to February.
13. **P. repens,** *Linn.*; Benth. l. c. 412. Aberdeen, Hongkong; near Kowloon City, Hongkong New Territory. Fl. May.
14. **P. maximum,** *Jacq.*; Hook. f. l. c. 49. Cultivated for fodder in Hongkong. Fl. May.
15. **P. montanum,** *Roxb.*; Benth. l. c. 412. Hongkong without locality; Kuntong, Hongkong New Territory; near Chaochaufu; Canton. Fl. April.

16. P. brevifolium, *Linn.* ; *P. ovalifolium*, Poir. ; Benth. l. c. 413. Little Hongkong woods, Hongkong ; near Canton ; Whampoa. Fl. September.

7.—ICHNANTHUS.

1. I. pallens, *Munro* in Benth. Fl. Hongk. 414. Prostrate in damp shady woods, Little Hongkong woods, Hongkong ; Canton. Fl. ——.

8.—OPLISMENUS.

1. O. compositus, *Beauv.* ; *Panicum compositum*, Linn. ; Benth. l. c. 411. Causeway Bay, Mt. Gough and Aberdeen, Hongkong ; Canton. Fl. September.

9.—SETARIA.

Key to species.

1.	Panicle 1–2 feet long	1. *mauritiana.*
	Panicle 1–6 inches long	2.
2.	Panicle lobed, drooping	2. *italica.*
	Panicle cylindric	3.
3.	Glume smooth	3. *viridis.*
	Glume rugose	4. *glauca.*

1. S. mauritiana, *Spreng.* ; *Panicum plicatum*, Lam. ; Benth. Fl. Hongk. 411. On shady banks above the Botanic Gardens, Hongkong ; Canton. Fl. September.
2. S. italica, *Beauv.* ; Hook. f. Fl. Brit. Ind. vii. 78. Cultivated in Hongkong and the New Territory. Fl. July.
3. S. viridis, *Beauv.* ; Hook. f. l. c. 80. Canton ; Lofoushan. Fl. August.
4. S. glauca, *Beauv.* ; *Panicum glaucum*, Linn. ; Benth. Fl. Hongk. 411. Hongkong without locality ; Castle Peak, Hongkong New Territory ; Canton ; Whampoa ; Macao ; Lienchow. Fl. August.

10.—PENNISETUM.

1. P. compressum, *R. Br.* ; *Gymnothrix japonica*, Kunth ; Benth. Fl. Hongk. 413. Magazine Gap and Aberdeen, Hongkong ; Taipo and near Lowu, Hongkong New Territory ; Canton ; Whampoa ; Danes' Island ; Macao ; Pakhoi. Fl. October.

11.—CHAMAERAPHIS.

1. C. spinescens, *Poir.* ; var. *Brunoniana*, Hook. f. Fl. Brit. Ind. vii. 62. In rather deep ponds around Canton. Fl. April.

11A.—STENOTAPHRUM.

1. **S. americanum**, *Schrank*; *S. Helferi*, Munro; Hook. f. Fl. Brit. Ind. vii. 91. In watercourse, Wongneicheong, Hongkong. Fl. October.

11B.—THUAREA.

1. **T. sarmentosa**, *Pers.*: Benth. Fl. Hongk. 415. On the sands of the seabeach, Hongkong. Fl. April ?

12.—SPINIFEX.

1. **S. squarrosus**, *Linn.*; Benth. l. c. 415. On the sands of the seabeach, Hongkong; Stonecutters' Island; Macao. Fl. July.

13.—COIX.

1. **C. Lachryma-Jobi**, *Linn.*: Hook. f. Fl. Brit. Ind. vii. 100 Victoria Peak and Aberdeen in streams, Hongkong; Kowloon: Kwaisin, Hoifung, cultivated; Macao; North River. Fl. September—January.

14.—ZEA.

1. **Z. Mays**, *Linn.*; Hook. f. Fl. Brit. Ind. vii. 102. Hongkong and Hongkong New Territory, cultivated. Fl. all the year.

15.—ZIZANIA.

1. **Z. aquatica**, *Linn.*; Gray, New Man. Bot. 120. Canton. cultivated. Fl. late Summer ?

16.—ORYZA.

1. **O. sativa**, *Linn.*; Hook. f. Fl. Brit. Ind. vii. 92. Cultivated in Hongkong, Hongkong New Territory, and Kwangtung. Fl. June and September.

17.—LEERSIA.

1. **L. hexandra**, *Sw.*; Hook. f. Fl. Brit. Ind. vii. 94. Hongkong without locality; Taimoshan, Hongkong New Territory: edges of rice fields, Canton. Fl. November.

18.—GARNOTIA.

1. **G. patula**, *Munro* ex Benth. Fl. Hongk. 416. Hongkong without locality; hills near Chaochaufu: Canton; Lofoushan. Fl. April—August.

19.—SPHAEROCARYUM.

1. **S. elegans**, *Nees*; *Isachne pulchella*, Roth.; Benth. l. c. 414. In waste places, Botanic Gardens, Hongkong; Kuntong, Hongkong New Territory: Kwaisin, Hoifung; swamps near Canton. Fl. October.

20.—ARUNDINELLA.

Key to species.

1.	Glume IV 3-awned	2.
	Glume IV 1-awned	3.
2.	Glumes I and II 3-nerved	1. *setosa.*
	Glumes I and II subequal, with three strong and three weak nerves ...	2. *sinensis.*
3.	Awn twice the length of the spikelet...	3. *nepalensis.*
	Awn scarcely exceeding the spikelet...	4. *anomala.*

1. **A. setosa**, *Trin.*; Benth. Fl. Hongk. 416. Aberdeen, Hongkong; Canton; Lienchow River. Fl. July.
2. **A. sinensis**, *Rendle* in Hemsl. Enum. Pl. China, iii. 342. Lofoushan. Fl. ——.
3. **A. nepalensis**, *Trin.*; Benth. l. c. 416. Hongkong without locality; Imtintsai, Hongkong New Territory; White Cloud hills, Canton; Lappa Island, near Macao. Fl. November.
4. **A. anomala**, *Steud.* Syn. Gram. 116. Canton. Fl. Summer.

21.—THYSANOLAENA.

1. **T. Agrostis**, *Nees*; *T. acarifera*, Arn. et Nees; Benth. Fl. Hongk. 417. Common in ravines, Hongkong; foot of Phoenix Mt., Swatow. Fl. April.

22.—PEROTIS.

1. **P. latifolia**, *Ait.*; Hook. f. Fl. Brit. Ind. vii. 98. Deepwater Bay, Hongkong; Macao; Pakhoi. Fl. July.

23.—ZOYSIA.

Key to species.

Spikelets $\frac{1}{4}$ inch long	1. *sinica.*
Spikelets $\frac{1}{12}$ inch long	2. *pungens.*

1. **Z. sinica**, *Hance*; *Z. pungens*, Munro; Benth. Fl. Hongk. 418. Hongkong without locality; Castle Peak, Hongkong New Territory; Pakhoi. Fl. May.
2. **Z. pungens**, *Willd.*; Hook. f. Fl. Brit. Ind. vii. 99. Near Chaochaufu. Fl. May.

24.—IMPERATA.

1. **I arundinacea**, *Cyrill.*; Hook. f. Fl. Brit. Ind. vii. 106. Common in Hongkong; Castle Peak and Tin-tso-ngam, Hongkong New Territory; hills near Chaochaufu; Ookaisa. Fl. October.

25.—MISCANTHUS.

Key to species.

Panicle branches fastigiate	1. *sinensis.*
Panicle branches radiating, semiverticillate	2. *japonicus.*

1. **M. sinensis,** *Anderss.*; Hack. in DC. Monogr. Phan. vi. 105. Common in Hongkong on the hills; hill near Chaochaufu; Canton; Macao. Fl. October.
2. **M. japonicus,** *Anderss.*; Hack. l. c. 107. Hongkong without locality; Whampoa. Fl. January—June.

26.—SACCHARUM.

Key to species.

1.	Stem silky below panicle	2.
	Stem glabrous	3.
2.	Hairs on callus many times longer than spikelet	1. *spontaneum.*
	Hairs shorter or not much longer than spikelet	2. *Narenga.*
3.	Callus hairs much longer than spikelet	3. *officinarum.*
	Callus hairs shorter than spikelet ...	4. *arundinaceum.*

1. **S. spontaneum,** *Linn.*; Hook. f. Fl.Brit. Ind. vii. 118. Near Sanwai, Hongkong New Territory; Canton. Fl. September.
2. **S. Narenga,** *Ham.*; Hook. f. l. c. 120. Canton; Lienchow River. Fl. October.
3. **S. officinarum,** *Linn.*; Benth. Fl. Hongk. 419. Cultivated in Hongkong, Hongkong New Territory, and Kwangtung. Fl. ——.
4. **S. arundinaceum,** *Retz.*; Hook. f. l. c. 119. Frequent in ravines, Hongkong; Whampoa; Pakhoi. Fl. ——.

27.—SPODIOPOGON.

1. **S. sibiricus,** *Trin.*; Hack. in DC. Monogr. Phan. vi. 183. Lienchow River. Fl. August.

28.—POLLINIA.

Key to species.

1.	Leaves conspicuously contracted into petiole	2.
	Leaves not conspicuously contracted into petiole	4.
2.	Anthers very long	1. *ciliata.*
	Anthers $\frac{1}{8}$ inch long or less	3.
3.	Spike $\frac{1}{4}$ inch long	2. *cantonensis.*
	Spike $\frac{1}{3}$ inch long	3. *imberbis.*

4. Glume II conspicuously awned in sessile spikelet ... ... 4. *articulata.*
   Glume II not or very shortly awned in sessile spikelet ... ... 5.
5. Basal sheaths naked or hirsute, not woolly ... ... 6.
   Basal sheaths woolly ... ... 5. *speciosa.*
6. Joints of inflorescence subclavate ... 6. *grata.*
   Joints of inflorescence slender... ... 7. *quadrinervis.*

1. **P. ciliata**, *Trin.*; *P. tenuis*, Benth. Fl. Hongk. 421. Common about Victoria, Hongkong; Whampoa. Fl. October, November.
2. **P. cantonensis**, *Rendle* in Hemsl. Enum. Pl. China, iii. 354. Canton. Fl. October to January.
3. **P. imberbis**, *Nees*; Hook. f. Fl. Brit. Ind. vii. 117. In damp places around Canton. Fl. October to January.
4. **P. articulata**, *Trin.*; Hook. f. l. c. 109. Canton; Whampoa. Fl. September to October.
5. **P. speciosa**, *Hack.*; Hook. f. l. c. 113. Mt. Kellet, Hongkong; White Cloud hills, Canton. Fl. September.
6. **P. grata**, *Hack.* in DC. Monogr. Phan. vi. 174. Canton. Fl. ——.
7. **P. quadrinervis**, *Hack.*; *P. villosa*, Munro in Benth. Fl. Hongk. 420. Mt. Victoria, Hongkong; Macao. Fl. late Summer

29.—POGONATHERUM.

1. **P. saccharoideum**, *Beauv.*; Hook. f. Fl. Brit. Ind. vii. 141. Aberdeen and Mt. Victoria, Hongkong; Castle Peak and Kuntong, Hongkong New Territory; hills near Chaochaufu; Canton; Macao. Fl. April—September.

30.—APOCOPIS.

1. **A. Wightii**, *Nees*; *A. Wrightii*, Munro in Benth. Fl. Hongk. 421. Hongkong without locality; Cumsingmoon (Capsuimun), Hongkong New Territory; Whampoa; Canton; Lofoushan. Fl. September.

31.—DIMERIA.

Key to species.

Spikes 2 or 3 together ... ... 1. *falcata.*
Spikes solitary ... ... 2. *sinensis.*

1. **D. falcata**, *Hack.*; *D. fuscescens*, Munro in Benth. Fl. Hongk. 419. Mt. Victoria, Hongkong; Kuntong, Hongkong New Territory; near Canton. Fl. September.
2. **D. sinensis**, *Rendle* in Hemsl. Enum. Pl. China, iii. 359. Canton. Fl. ——.

32.—ARTHRAXON.

1. **A. ciliaris**, *Beauv.*; Hook. f. Fl. Brit. Ind. vii. 145. Victoria Peak and Mt. Gough, Hongkong; Castle Peak, Hongkong New Territory; hills near Chaochaufu; Canton; Whampoa. Fl. April—September.

33.—ROTTBOELLIA.

Key to species.

1. Back of sessile spikelet conspicuously tessellated	1. *mollicoma.*
Back of sessile spikelet not conspicuously tessellated	2.
2. Spikes compressed; slender plant with glabrous leaves	2. *compressa.*
Spikes cylindric; large coarse plant with usually hairy leaves	3. *exaltata.*

1. **R. mollicoma**, *Hance* in Journ. Bot. 1871, 134. Whampoa; Lofoushan. Fl. August—October.
2. **R. compressa**, *Linn. f.*; Hook. f. Fl. Brit. Ind. vii. 153. Aberdeen, Hongkong; Canton. Fl. July.
3. **R. exaltata**, *Linn. f.*; Hook. f. l. c. 156. Little Hongkong and Aberdeen, Hongkong; Lantao Island, Hongkong New Territory; Whampoa; Macao; Lienchow River. Fl. August.

34.—OPHIURUS.

1. **O. monostachyus**, *J. S. Presl*; Benth. Fl. Hongk. 417. Hongkong without locality. Fl. October.

35.—MANISURIS.

1. **M. granularis**, *Linn.*; Hack. in DC. Monogr. Phan. vi. 314. Whampoa; Lienchow River. Fl. August.

36.—EREMOCHLOA.

Key to species.

Outer glume not winged, fringed with bristles	1. *leersioides.*
Outer glume winged at top	2. *ophiuroides.*

1. **E. leersioides**, *Hack.*; *Ischaemum leersioides*, Munro; Benth. Fl. Hongk. 425. Aberdeen, Hongkong; Kowloon catchwater, Castle Peak and Kuntong, Hongkong New Territory; Canton; Whampoa; Sam Cock's Island near Macao; West River. Fl. August.
2. **E. ophiuroides**, *Hack.*; *Ischaemum ophiuroides*, Munro; Benth. l.c. 425. Cape d'Aguilar, Hongkong; Whampoa. Fl. August.

37.—ISCHAEMUM.

Key to species.

1. Margins of outer glume of sessile spikelet broadly incurved below middle	1. *ciliare.*
Margins of that glume narrowly inflexed throughout	2.
2. Outer glume closely transversely ridged	2. *rugosum.*
Outer glume nearly flat, nodular at edge	3. *aristatum.*

1. **I. ciliare,** *Retz.*; *Spodiopogon obliquivalvis*, Nees; Benth. Fl. Hongk. 426. Mt. Victoria and Botanic Gardens, Hongkong; Kuntong, Castle Peak, Kowloon catchwater, Lantao Island, Cape Syngmoon (Capsuimun), Hongkong New Territory; hills near Canton; Lofoushan; Ookaisa; Pakhoi. Fl. September.
2. **I. rugosum,** *Salisb.*; Hook. f. Fl. Brit. Ind. vii. 127. Whampoa; Pakhoi; Lienchow River. Fl. October.
3. **I. aristatum,** *Linn.*; *I. barbatum*, Retz.; Benth. Fl. Hongk. 425. Victoria Peak and Aberdeen New Road, Hongkong; Lantao Island, Kuntong and Taipo Road, Hongkong New Territory; Canton; Macao; Pakhoi; North River. Fl. September.

38.—HETEROPOGON.

1. **H. contortus,** *Beauv.*; *H. hirtus*, Pers.; Benth. l. c. 424. Pokfulam Road, Aberdeen, Little Hongkong and Mt. Victoria, Hongkong; Kuntong, Fotaumun, Hongkong New Territory; Canton; Whampoa. Fl. September.

39.—ANDROPOGON.

Key to species.

1. Pedicel of spike enclosed in spathiform leaf-sheaths	2.
Pedicel of spike not enclosed in spathiform leaf-sheaths	3.
2. Pedicelled spikelet smaller than sessile	4.
Pedicelled spikelet greater than sessile	1. *fastigiatus.*
3. Rachis and pedicels of upper spikelets with translucent channel	6.
Rachis and pedicels of upper spikelets opaque	9.
4. Sessile spikelets $\frac{1}{8}$ inch long	5.
Sessile spikelets $\frac{1}{3}$ inch long	10. *hirtiflorus.*
5. Inflorescence enveloped in broad spathe-like sheath	2. *fragilis.*
Inflorescence not enveloped in broad spathe-like sheath	3. *brevifolium.*

6. Spike with many pairs of spikelets ...	7.
Spike with 1–3 (4) spikelets	8.
7. Spikes digitate or fascicled, lower ones longer than rachis of inflorescence	4. *Ischaemum.*
Spikes much shorter than rachis of inflorescence	5. *intermedius.*
8. Stem 2–3 ft. high	6. *micranthus.*
Stem 6–12 ft. high	7. *assimilis.*
9. Stalked spikelet neuter, unawned ...	8. *annulatus.*
Stalked spikelet bisexual, awned ...	9. *vagans.*

1. **A. fastigiatus,** *Sw.*; Hook. f. Fl. Brit. Ind. vii. 167. Macao. Fl.—.
2. **A. fragilis,** *R. Br.*; Benth. Fl. Austral. vii. 535. French Island, Whampoa. Fl. September.
3. **A. brevifolius,** *Sw.*; Benth. Fl. Hongk. 423. Hongkong without locality; Canton; Whampoa. Fl. September.
4. **A. Ischaemum,** *Linn.*; Hook. f. l. c. 171. Castle Peak, Hongkong New Territory; Canton; Whampoa. Fl. October.
5. **A. intermedius,** *R. Br.*; *A. Vachellii*, Nees; Benth. l. c. 423. On roadsides at Aberdeen and Mt. Victoria, Hongkong; Macao. Fl. August.
6. **A. micranthus,** *Kunth*; *A. montanus*, Benth. l. c. 423. Hongkong without locality; Ngaushiwan, Hongkong New Territory; Canton; Whampoa. Fl. August.
7. **A. assimilis,** *Steud.*; Hook. f. l. c. 179. Upper slopes of the hills, Hongkong, without locality; Canton; White Cloud hills, Canton. Fl. October.
8. **A. annulatus,** *Forsk.*; Hook. f. l. c. 196. Hongkong without locality; near Chaochaufu; Canton. Fl. April.
9. **A. vagans,** *Rendle* in Hemsl. Enum. Pl. China, iii. 375. Ravine of the White Cloud hills, Canton; Whampoa. Fl. November.
10. **A. hirtiflorus,** *Kunth*; *A. zeylanicus*, Arn. ex Benth. l. c. 423. Aberdeen, Hongkong; Cape Syngmoon (Capsuimun), Hongkong New Territory; dry hills near Canton; Whampoa. Fl. October.

40.—CYMBOPOGON.

Key to species.

Outer glume of sessile spikelet longitudinally cleft in the centre ...	1. *Schoenanthus.*
Outer glume of sessile spikelet not longitudinally cleft in the centre ...	2. *Nardus.*

1. **C. Schoenanthus,** *Spreng.*; *Andropogon Martini*, Benth. Fl. Hongk. 424. Quarry Bay, Hongkong; Lantao Island, Hongkong New Territory; Canton; Whampoa; Macao; Lofoushan. Fl. August.
2. **C. Nardus,** *Rendle*; *Andropogon Nardus*, Linn.; Hook. f. Fl. Brit. Ind. vii. 205. Mt. Victoria and Aberdeen, Hongkong; Taimoshan, Hongkong New Territory; Canton; Danes' Island, Whampoa; Lienchow River. Fl. September.

41.—CHRYSOPOGON.

Key to species.

Callus very long acicular	1. *aciculatus.*
Callus not very long nor acicular ...	2. *sinensis.*

1. **C. aciculatus,** *Trin.*; Benth. Fl. Hongk. 424. Common in Hongkong; at Fanling and elsewhere, Hongkong New Territory; Macao; Pakhoi; Lofoushan. Fl. June.
2. **C. sinensis,** *Rendle* in Hemsl. Enum. Pl. China, iii. 368. Pakhoi. Fl. July.

42.—SORGHUM.

Key to species.

1. Joints, pedicels and callus shortly villous with purple or rufous hairs ...	1. *fulvum.*
Joints, pedicels and callus shortly villous but not with purple or rufous hairs	2.
2. Rachis of spike tenacious	2. *vulgare.*
Rachis of spike fragile	3. *halepense.*

1. **S. fulvum,** *Beauv.*; *Andropogon tropicus*, Spreng.; Benth. Fl. Hongk. 423. Near filter beds, Kowloon, Hongkong New Territory; Canton. Fl. August.
2. **S. vulgare,** *Pers.*; *Andropogon Sorghum*, Hack.; Stapf in Hook. f. Fl. Brit. Ind. vii. 184. Waste ground near Canton; Lienchow River. Fl. August.
3. **S. halepense,** *Pers.*; *Andropogon halepensis*, Brot.; Hook. f. l. c. 182. Mt. Gough, Hongkong; Lienchow River; North River. Fl. August.

43.—THEMEDA.

Key to species.

Involucrant spikelets inserted on a level	1. *triandra.*
Involucrant spikelets in superposed pairs	2. *gigantea.*

1. **T. triandra,** *Forsk.*; *Anthistiria imberbis*, Retz.; Hook. f. Fl. Brit. Ind. vii. 211. Lienchow River. Fl. August.
2. **T. gigantea,** *Hack.*; *Anthistiria gigantea*, Cav.; Hook. f. l. c. 216. Castle Peak, Hongkong New Territory; common on the hills near Canton. Fl. May to October.

44.—PSEUDANTHISTIRIA.

1. **P. heteroclita,** *Hook. f.* l. c. 219. Hongkong. Fl. November.

45.—GERMAINIA.

1. **G. capitata,** *Bal. et Poitr.*; Hack. in DC. Monogr. Phan. vi. 686. White Cloud hills, Canton. Fl. September.

46.—APLUDA.

1. A mutica, *Linn.*; Benth. Fl. Hongk. 422. Victoria Peak, Mt. Kellet, Mt. Gough, and Causeway Bay, Hongkong; Gindrinkers' Bay; Taimoshan and Castle Peak, Hongkong New Territory; Canton; Whampoa; Macao; Pybus Island. Fl. September—December.

47.—ALOPECURUS.

Key to species.

1. Paleae 2	1. *japonicus.*
Palea 1	2.
2. Glumes free	2. *aequalis.*
Glumes connate half way up	3. *agrestis.*

1. **A. japonicus**, *Steud.* Syn. Glum. 149. Hongkong without locality. Fl. early Summer?
2. **A. aequalis**, *Sobol.*; *A. geniculatus*, Linn.; Benth. Fl. Hongk. 408. Hongkong without locality; fields near Swatow; a common weed of cultivated ground, Canton. Fl. April.
3. **A. agrestis**, *Linn.*; Benth. l. c. 407. Hongkong without locality. Fl. early Summer?

48.—ARISTIDA.

Key to species.

Spikelet $\frac{1}{3}$–$\frac{1}{2}$ inch long without awn ...	1. *chinensis.*
Spikelet $\frac{1}{12}$–$\frac{1}{6}$ inch long without awn ...	2. *Cumingiana.*

1. **A. chinensis**, *Munro*; Benth. Fl. Hongk. 427. Aberdeen, Hongkong; Cumsingmoon; Canton; Whampoa. Fl. August.
2. **A. Cumingiana**, *Trin. et Rupr.*; Hook. f. Fl. Brit. Ind. vii. 224. Steep rocks near the sea between Aberdeen and Victoria, Hongkong; dry stony hills, Canton. Fl. October.

49.—SPOROBOLUS.

Key to species.

1. Panicle branches crowded with flowers to base	2.
Panicle branches with base usually bare	1. *diandrus.*
2. Glumes I, II and III nearly equal ...	2. *Hancei.*
Glumes I equal to $\frac{1}{3}$ of III	3. *indicus.*

1. **S. diandrus**, *Beauv.*; Hook. f. Fl. Brit. Ind. vii. 247. Macao; Pakhoi. Fl. November to December.
2. **S. Hancei**, *Rendle* in Hemsl. Enum. Pl. China, iii. 387. Canton. Fl. May.
3. **S. indicus**, *R. Br.*; Benth. Fl. Hongk. 426. In Botanic Gardens, Mt. Victoria and common on roadsides, Hongkong; Castle Peak, Hongkong New Territory; Canton; Whampoa. Fl. April—September.

50.—POLYPOGON.

Key to species.

Awn equal to or shorter than the glume	1. *littoralis.*
Awn much longer than the glume ...	2. *monspeliensis.*

1. **P. littoralis,** *Smith*; Benth. Fl. Hongk. 427. Hongkong without locality; Canton. Fl. ——.
2. **P. monspeliensis,** *Desf*: Hook. f. Fl. Brit. Ind. vii. 245. River bank near Chaochaufu. Fl. April.

51.—CALAMAGROSTIS.

1. **C. epigeios,** *Roth.*; Hook. f. l. c. 260. Lofoushan at 3100 ft. Fl. August.

52.—DEYEUXIA.

1. **D. sylvatica,** *Kunth*: Hook. f. l. c. 266. Near the Lienchow River. Fl. late Summer?

53.—ERIACHNE.

1. **E. pallescens,** *R. Br.*; Hook. f. l. c. 269. Top of mountains, Hongkong; Kuntong, Hongkong New Territory; French Island; Whampoa; Danes' Island; hills north of Canton. Fl. September.

54.—COELACHNE.

1. **C. pulchella,** *Benth.* Fl. Hongk. 430. In a ditch at Little Hongkong, Hongkong; paddy field at Kowloon, Hongkong New Territory; pools at the foot of the White Cloud hills, Canton. Fl. December, January.

55.—AVENA.

1. **A. fatua,** *Linn.*; Benth. l. c. 430. In waste, rubbishy places, Hongkong. Fl. Summer.

56.—MICROCHLOA.

1. **M. setacea,** *R. Br.*; Benth. l. c. 428. Hongkong without locality; near Chaochaufu; turfy places at the edges of bare rocks near Whampoa. Fl. April.

57.—CYNODON.

1. **C. Dactylon,** *Pers.*; Benth. l. c. 428. Common in Hongkong, and in Hongkong New Territory; on roadsides; Macao. Fl. late Summer?

58.—CHLORIS.

Key to species.

1. Spikelets, including awns, over ¼ inch long	2.
Spikelets under $\frac{1}{12}$ inch	3. *Swartziana.*
2. Spikelet 2-awned	1. *virgata.*
Spikelet 3-awned	2. *barbata.*

1. **C. virgata,** *Sw.*; Hook. f. Fl. Brit. Ind. vii. 291. Hongkong without locality. Fl. Summer.
2. **C. barbata,** *Sw.*; Benth. Fl. Hongk. 429. On the seabeach at Chaiwan, Hongkong; Kowloon; Kowloon catchwater, Hongkong New Territory; Macao. Fl. August.
3. **C. Swartziana,** *Doell* in Mart. Fl. Bras. ii. III. 68. In bamboo groves along the lower Han River, Swatow. Fl. May.

59.—ELEUSINE.

Key to species.

Leaves broad	1. *coracana.*
Leaves narrow	2. *indica.*

1. **E. coracana,** *Gaertn.*; Hook. f. Fl. Brit. Ind. vii. 294. Cultivated in Hongkong New Territory; Lienchow. Fl. July.
2. **E. indica,** *Gaertn.*; Benth. Fl. Hongk. 429. Wet places in the Happy Valley and Victoria Peak, Hongkong; Kowloon; Taimoshan, Hongkong New Territory; Shameen, Canton; Lienchow. Fl. August.

60.—DACTYLOCTENIUM.

1. **D. aegyptiacum,** *Willd.*; Benth. l. c. 429. Robinson Rd. and Aberdeen, Hongkong; Taimoshan and Waglan Island, Hongkong New Territory; paddy fields near Chaochaufu; Whampoa. Fl. July.

61.—LEPTOCHLOA.

Key to species.

Spikelet 2–3-flowered	1. *filiformis.*
Spikelet 4–6-flowered	2. *chinensis.*

1. **L. filiformis,** *Roem. et Schult.*; Hook. f. Fl. Brit. Ind. vii. 298. Botanic Gardens, Hongkong; Macao. Fl. ——.
2. **L. chinensis,** *Nees*; Hook. f. l. c. 299. Aberdeen, Hongkong; Taimoshan, Hongkong New Territory; Canton; Whampoa; Lienchow. Fl. July.

62.—ARUNDO.

1. **A. Donax,** *Linn.*; Hook. f. l. c. 302. Plovers' Cove, Hongkong New Territory; Whampoa. Fl. December.

63.—NEYRAUDIA.

1. **N. madagascariensis**, *Hook. f.*; *Arundo madagascariensis*, Kunth; Benth. Fl. Hongk. 427. Common in Hongkong; Canton; Whampoa; Macao. Fl. November.

64.—PHRAGMITES.

Key to species.

Panicle and glumes not spreading much	1. *communis.*
Panicle and glumes widely spreading...	2. *Karka.*

1. **P. communis**, *Trin.*; Hook. f. Fl. Brit. Ind. vii. 303. Near Canton; banks of the Canton River. Fl. October.
2. **P. Karka**, *Trin.*; Hook. f. l. c. 304. Muddy bank near Chaiwan, Hongkong; in mud, Lantao Island and Castle Peak, Hongkong New Territory; muddy banks of the Canton River. Fl. October.

65.—ERAGROSTIS.

Key to species.

1.	Spikelets not $\frac{1}{12}$ inch long, very numerous in a narrow but speading panicle, axis of spikelets articulate	2.
	Spikelets $\frac{1}{6}$–$\frac{1}{3}$ inch long, axis not articulate	3.
2.	Paleae glabrous	1. *interrupta.*
	Paleae ciliate with long spreading hairs	2. *tenella.*
3.	Leaves very hairy	3. *pilosissima.*
	Leaves glabrous or nearly so	4.
4.	Unopened spikelets more than $\frac{1}{12}$ inch broad	5.
	Unopened spikelets less than $\frac{1}{12}$ inch broad	6.
5.	Many spikelets sessile or subsessile ...	4. *major.*
	Spikelets never sessile or subsessile ...	5. *amabilis.*
6.	Panicle cylindric	7.
	Panicle more or less diffuse	8.
7.	Panicle branches short spreading ...	6. *geniculata.*
	Panicle branches long erect	7. *pilosa.*
8.	Many spikelets sessile	8. *elongata.*
	Few spikelets if any sessile	9.
9.	Spikelets usually brown or purple ...	9. *elegantula.*
	Spikelets usually green	10.
10.	Leaves narrow involute	10. *stenophylla.*
	Leaves $\frac{1}{8}$ inch or wider, flat	11. *minor.*

1. **E. interrupta**, *Beauv.*; *E. tenella*, Benth. Fl. Hongk. 431. Hongkong without locality; Lantao Island, Hongkong New Territory; Canton; Whampoa; North River. Fl. December.

2. E. tenella, *Roem. et Schult.*; *E. plumosa*, Benth. l. c. 431. Little Hongkong, Hongkong; Taimoshan, Hongkong New Territory; Chaochaufu; Canton; Pakhoi. Fl. August.
3. E. pilosissima, *Link.*; Benth. l. c. 432. Victoria Peak and Happy Valley, Hongkong; Kowloon; Kuntong, Hongkong New Territory; White Cloud hills, Canton; Whampoa; Macao; Lofoushan. Fl. September.
4. E. major, *Host*; Stapf in Hook. f. Fl. Brit. Ind. vii. 320. River bank near Chaochaufu; Lienchow River; Lofoushan. Fl. April–August.
5. E. amabilis, *Wright et Arn.*; *E. unioloides*, Nees; Benth. Fl. Hongk. 432. Happy Valley, Hongkong; Quarry village, and Three Fathoms' Cove, Hongkong New Territory; Whampoa; Pakhoi; North River; Lofoushan. Fl. September.
6. E. geniculata, *Nees*; Benth. l. c. 433. Mt. Victoria, Hongkong; in gardens near Chaochaufu; Canton; Pakhoi; North River. Fl. April-October.
7. E. pilosa, *Beauv.*; Benth. l. c. 432. Aberdeen, Hongkong; Canton; Whampoa. Fl. September.
8. E. elongata, *Jacq.*; *E. zeylanica*, Nees; Benth. l. c. 433. Racecourse, Happy Valley, roadside West Point, Little Hongkong, and Aberdeen, Hongkong; Taimoshan, Taipo Road, and Quarry village, Hongkong New Territory; Canton; Whampoa. Fl. September.
9. E. elegantula, *Steud.*; Stapf in Hook. f. Fl. Brit. Ind. vii. 318. Lamtong Island, Hongkong; Hongkong New Territory without locality; White Cloud hills, Canton; Pakhoi; Lienchow. Fl. May to September.
10. E. stenophylla, *Hochst.*; Stapf l. c. 318. Aberdeen, and on hillsides in small tufts and along mountain rivulets in crevices of rocks, Hongkong. Fl. July.
11. E. minor, *Host*; Stapf l. c. 321. Hill near Chaochaufu; Lienchow. Fl. April.

66.—CENTOTHECA.

1. C. lappacea, *Desv.* in Hook. f. Fl. Brit. Ind. vii. 332. Happy Valley woods, and on roadside above Taihang village, Hongkong; Kowloon and Castle Peak, Hongkong New Territory; White Cloud hills, Canton. Fl. October-December.

67.—LOPHATHERUM.

1. L. gracile, *Brongn.*; Benth. Fl. Hongk. 433. Happy Valley woods, Aberdeen and Magazine Gap, Castle Peak, Hongkong New Territory; in the wood of the White Cloud monastery, Canton. Fl. August.

68.—BRIZA.

1. B. elegans, *Osbeck*, Resa, 246. Near Canton. Fl. April to June.

69.—BROMUS.

1. **B. asper,** *Murr.*; Stapf in Hook. f. Fl. Brit. Ind. vii. 358. Putoy Island in sand of the seashore, Hongkong. Fl. Summer ?

70.—ARUNDINARIA.

Key to species.

1.	Leaf petioled	2.
	Leaf not petioled	1. *flexuosa.*
2.	Sheath striate	3.
	Sheath smooth and polished	2. *sinica.*
3.	Leaves under 3 inches long	3. *nitida.*
	Leaves over 6 inches long	4. *Hindsii.*

1. **A. flexuosa,** *Hance* in Journ. Bot. 1876, 339. Danes' Island, Whampoa. Fl. May.
2. **A. sinica,** *Hance*; *A. Wightii,* Benth. Fl. Hongk. 434. Mt. Victoria and Happy Valley woods, Hongkong; Yit-hai, Swatow; Loting River. Fl. April.
3. **A. nitida,** *Mitford*; Stapf in Kew Bull. 1896, 20. Top of the Phoenix Mt., Swatow. Fl. April.
4. **A. Hindsii,** *Munro* in Trans. Linn. Soc. xxxi. 31. Mt. Victoria, Conduit Road and Wongneichong, Hongkong. Fl. April.

71.—PHYLLOSTACHYS.

Key to species.

1.	Spikelets in nest-like bunches	1. *nidularia.*
	Spikelets in ample panicles	2.
2.	Spikelets 6–7-flowered	2. *Maudiae.*
	Spikelets 2–3-flowered	3. *Nevinii.*

1. **P. nidularia,** *Munro* in Gard. Chron. 1876. ii. 773. Macao. Fl. March and April.
2. **P. Maudiae,** *Dunn* sp. n., *P. Nevinii,* Hance affinis, spiculis 6–7-floris distincta.

Gramen arborescens, 3–10 m. altum, culmo gracile ad 2 cm. diam. nitente flavo, ligno crassitudine 3 cm., uno latere sulcato, ramulis fortiter angulatis. *Folia* linearia, apice in acumen pungens gradatim angustata, basi breviter acuminata, in petiolum 3–6 mm. longum attenuata, glabra, margine obscure serrulata, tesselata, infra glauca; foliorum vaginae laeves, apice auriculatae longe barbatae; culmi vaginae foliis reductis inclusis 14–17 cm. longae, extus opacae, striatae, intus laevissimae. *Paniculae* ad nodos superiores fasciculatae, paniculam terminalem compositam magnam formantes, cum pedunculis 30–40 cm. longae, pedunculo quoque vaginis foliorum rudimentariorum vestito. *Spiculae* in panicula 5–11, 3·5–4·5 cm. longae, pedicellis 3–4-plo longiores. *Glumae* 8–9, ovatae, acutae, mucronatae, ciliatae, paullo puberulae; 2 inferiores vacuae; infima 8 mm. longa, 9-venia; proxima ut fertiles 1·1–1·2 cm.

longa ; florum gluma inferior 11-venia, superior aequilonga, bicarinata, membranacea, fere evenia ; lodiculae 3, glumis bis breviores, spathulatae, fimbriatae. *Stamina* 3, basi sagittata. *Styli* 3, plumosi.

Forming extensive groves on the dry hills at Yit-hai, between the Phoenix Mountain and the river Han. Maud Dunn, 11.4.1909. The Bamboos are regarded by the Chinese as emblems of feminine grace, I therefore name this species after its discoverer, my wife, who accompanied me on my Han Expedition as on all my others in the far East. Fl. April.

2. **P. Nevinii,** *Hance* in Journ. Bot. 1876, 295. Danes' Island, Whampoa. Fl. March.

72.—BAMBUSA.

Key to species.

1.	Veins tessellated	1. *Cantori.*
	Veins not tessellated	2.
2.	Stem thorny	4.
	Stem unarmed	3.
3.	Floral leaves subcordate	2. *Beecheyana.*
	Floral leaves narrowed below	3. *tuldoides.*
4.	Tree	4. *Blumeana.*
	Shrub	5. *flexuosa.*

1. **B. Cantori,** *Munro* in Trans. Linn. Soc. xxvi. 111. Lantao Island. Fl. ——.
2. **B. Beecheyana,** *Munro* l. c. 108. Canton ; Ookaisa in woods. Fl. January.
3. **B. tuldoides,** *Munro* ; *B. Tulda,* Benth. Fl. Hongk. 434. Common in Hongkong, and frequently planted ; on the river bank, Chaochaufu ; Canton. Fl. April—August.
4. **B. Blumeana,** *Schultes f.* ; Stapf in Hook. f. Fl. Brit. Ind. vii. 394. Banks of the Han River, Swatow. Fl. April.
5. **B. fleuxosa,** *Munro* l. c. 101. Hongkong without locality ; near Canton. Fl. Winter.

73.—DENDROCALAMUS.

1. **D. latiflorus,** *Munro* ; *Bambusa verticillata,* Benth. Fl. Hongk. 434. Little Hongkong, Hongkong ; Kowloon City, Hongkong New Territory ; Yit-hai, Han valley ; Lienchow River. Fl. August—November.

74.—SCHIZOSTACHYUM.

1. **S. dumetorum,** *Munro* ; Benth. l. c. 435. Common on the hills, Hongkong ; near Kowloon reservoir, Hongkong New Territory. Fl. April.

VASCULAR CRYPTOGAMS.

Key to Natural Orders.

1. Small floating plants or land plants with quadrifoliate leaves	5. *Rhizocarpeae* (p. 359).
Land plants, never with quadrifoliate leaves	2.
2. Stems hollow, without leaves, branches whorled with sheaths at the joints	2. *Equisetaceae* (p. 357).
Stems solid, with leaves (except *Psilotum*), branches not whorled	3.
3. Leaves with copious and often complicated venation or not scale-like and imbricate ...	1. *Filices.*
Leaves scale-like, imbricate, with a single central vein	4.
4. Leaves all round the stem and usually uniform	3. *Lycopodiaceae* (p. 357).
Leaves in four rows and dimorphous	4. *Selaginellaceae* (p. 358).

1.—FILICES.

Key to genera.

1. Capsules with a complete ring ...	2.
Ring of capsules incomplete or 0, climbing or aquatic fern or fronds over 6 feet long or fertile and leafy parts distinct	31.
2. Capsules with a transverse ring; creeping or translucent fern	3.
Capsules with a vertical ring ...	5.
3. Involucre absent; stem dichotomous; creeping fern... ...	1. *Gleichenia* (p. 334).
Involucre cup-shaped; stem not dichotomous; translucent fern	4.
4. Hair-like receptacle prolonged beyond the involucre... ...	6. *Trichomanes* (p. 335).
Receptacle not prolonged beyond the involucre	5. *Hymenophyllum* (p. 335).
5. Involucre present	6.
Involucre absent	22.
6. Involucre holding the capsules against the fronds	8.
Involucre keeping the capsules free from the fronds	7.
7. Trunk spiny	2. *Cyathea* (p. 334).
Trunk not spiny	4. *Dicksonia* (p. 335).

8.	Involucres marginal or sub-marginal	9.
	Involucres not marginal or sub-marginal	15.
9.	Involucres cup-shaped	7. *Davallia* (p. 336).
	Involucres not cup-shaped ...	10.
10.	Involucres linear, continuous ...	11.
	Involucres oblong, not continuous	9. *Adiantum* (p. 338).
11.	Involucres opening outwards ...	8. *Lindsaya* (p. 337).
	Involucres opening inwards ...	12.
12.	Involucres reaching nearly to the midrib	11. *Onychium* (p. 339).
	Involucres not reaching nearly to the midrib	13.
13.	Fronds deltoid; involucre narrow	14.
	Fronds not deltoid	13. *Pteris* (p. 339).
14.	Involucres more or less toothed	10. *Cheilanthes* (p. 338).
	Involucres not toothed	12. *Pellaea* (p. 339).
15.	Involucres linear, parallel to midrib	16.
	Involucres linear or not, not parallel to midrib	18.
16.	Sori midway between midrib and edge of frond	15. *Lomaria* (p. 341).
	Sori close to midrib	17.
17.	Sori quite close to midrib; involucres continuous	16. *Blechnum* (p. 341).
	Sori near midrib; involucres not continuous	17. *Woodwardia* (p. 341).
18.	Involucres linear, on veins ...	18. *Asplenium* (p. 341).
	Involucres orbicular or reniform	19.
19.	Involucres orbicular, peltate ...	19. *Aspidium* (p. 345).
	Involucres reniform, attached by one side	20.
20.	Fronds simple, entire	22. *Oleandra* (p. 349).
	Fronds pinnate or compound ...	21.
21.	Fronds pinnate, pinnae articulate on the rachis	21. *Nephrolepis* (p. 349).
	Fronds pinnate or compound, pinnae not articulate... ...	20. *Nephrodium* (p. 346).
22.	Tree fern	23.
	Not tree fern	24.
23.	Fronds pinnate	26. *Brainea* (p. 353).
	Fronds bi- or tripinnate	*Alsophila* (p. 334).
24.	Sori in linear masses	25.
	Sori not in linear masses	28.
25.	Sori marginal	26.
	Sori not marginal	27.
26.	Fronds simple, entire	28. *Vittaria* (p. 354).
	Fronds tri- or more-pinnatifid ...	24. *Nothochlaena* (p. 353).
27.	Sori parallel to midrib	29. *Drymoglossum* (p.354).
	Sori on veins, not parallel to midrib	25. *Gynmogramme* (p.353).
28.	Sori spread all over under surface of fronds	31. *Acrostichum* (p. 354).

	Sori not spread all over under surface of fronds	29.
29.	Sori round	23. *Polypodium* (p. 350).
	Sori oblong or reticulated ...	30.
30.	Sori oblong	27. *Meniscium* (p. 353).
	Sori reticulated	30. *Hemionitis* (p. 354).
31.	Capsules with an incomplete ring	32.
	Capsules without a ring	34.
32.	Aquatic annual	14. *Ceratopteris* (p. 341).
	Perennial not aquatic	33.
33.	Capsules 2-valved ; stems climbing	33. *Lygodium* (p. 356).
	Capsules 2-valved ; stems not climbing	32. *Osmunda* (p. 355).
34.	Large plant ; fronds 6 ft. long or more	34. *Angiopteris* (p. 356).
	Small plant ; fronds under 1 foot long	35. *Ophioglossum* (p. 356).

1.—GLEICHENIA.

Key to species.

Stipes copiously bipinnate	1. *longissima.*
Stipes not bipinnate	2. *dichotoma.*

1. **G. longissima,** *Bl.* ; Hook. et Bak. Syn. Fil. 12. In Glenealy ravine, near Causeway Bay and in ravines on Mt. Nicholson, Hongkong ; Taimoshan, Hongkong New Territory ; Kwaisin, Hoifung ; stream near Chaochaufu, Swatow.
2. **G. dichotoma,** *Willd.* ; Hook. et Bak. l. c. 15. Abundant in Hongkong ; common in the Hongkong New Territory ; hills near Chaochaufu, Swatow.

2.—CYATHEA.

1. **C. spinulosa,** *Wall.* ; Hook. et Bak. l. c. 23. On bank above Robinson Road, Hongkong ; Lantao Island, Hongkong New Territory ; Lienchow River ; Lofoushan ; E. River.

3.—ALSOPHILA.

Key to species.

1.	Fronds $1\frac{1}{2}$ ft. long	1. *denticulata.*
	Fronds much longer	2.
2.	Pinnules entire or serrate	3. *podophylla.*
	Pinnules deeply pinnatifid	2. *tomentosa.*

1. **A. denticulata,** *Bak.* in Journ. Bot. 1885, 102. Taimoshan at 2500 ft., Hongkong New Territory.
2. **A. tomentosa,** *Hook.* ; Hook. et Bak. Syn. Fil. 42. Naturalised in the Glenealy ravine, Hongkong.
3. **A. podophylla,** *Hook.* ; Hook. et Bak. l. c. 43. Happy Valley, Washerman's Ravine, Foot of Victoria Peak, Mt. Gough, Mt. Parker, and south of Sheko Gap, Saiwan, Hongkong ; Maönshan and Taimoshan, Hongkong New Territory ; near Swatow.

4.—DICKSONIA.

1. D. Barometz, *Link*; Hook. et Bak. l. c. 49. Common in ravines, Hongkong; Taimoshan, Hongkong New Territory; Lofoushan.

5.—HYMENOPHYLLUM.

Key to species.

1.	Fronds about 6 inches long	2.
	Fronds under 3 inches long	3.
2.	Rachis winged to the base	3. *javanicum.*
	Rachis not winged	2. *polyanthos.*
3.	Stalk very short; frond bipinnatifid ...	4. *oxydon.*
	Stalk about 1 inch long; frond tripinnatifid	1. *tenellum.*

1. H. tenellum, *Kuhn*; Hook. et Bak. Syn. Fil. 57. Taimoshan, Hongkong New Territory.
2. H. polyanthos, *Swartz*; Hook. et Bak. l. c. 60. Lantao Island, Taimoshan and Maönshan, Hongkong New Territory.
3. H. javanicum, *Spreng.*; Hook. et Bak. l. c. 60. Taimoshan on granite rocks at 2500 ft., Hongkong New Territory; slopes of the Phoenix Mt., Swatow; Hoifung; Lofoushan.
4. H. oxydon, *Bak.* in Journ. Bot. 1890, 262. Taimoshan on rocks at 2500 ft., Hongkong New Territory.

6.—TRICHOMANES.

Key to species.

1.	Fronds 5 inches or more long	2.
	Fronds 2 inches or less in length ...	5.
2.	Stalk winged to the base	8. *orientale.*
	Stalk not winged, or slightly so ...	3.
3.	Stalk very short or frond sessile ...	9. *auriculatum.*
	Stalk 2 inches or more long	4.
4.	Fronds 8 inches or more long	7. *radicans.*
	Fronds 6 inches or less long	10. *rigidum.*
5.	Fronds under 1 inch long	6.
	Fronds over 1 inch long	7.
6.	Fronds fan-shaped	2. *parvulum.*
	Fronds obovate-cuneate	1. *Henzaianum.*
7.	Stalk $\frac{1}{4}$ to $\frac{1}{2}$ inch long	8.
	Stalk shorter or none	9.
8.	Fronds glabrous	5. *humile.*
	Nerves of fronds puberulous	6. *Matthewii.*
9.	Fronds suborbicular or oblong, rhomboidal, not tapering below... ...	4. *latemarginale.*
	Fronds tapering below, oblong-rhomboidal	3. *intramarginale.*

1. T. Henzaianum, *Parish*: Hook. et Bak. Syn. Fil. 75. Mt. Parker, Hongkong.

2. **T. parvulum,** *Poir.*; Hook. et Bak. l. c. 75. Near Causeway Bay, Mt. Nicholson and Mt. Parker, Hongkong; Hoifung; Lofoushan.
3. **T. intramarginale,** *Hook. et Grev*; Hook. et Bak. l. c. 79. Hongkong without locality.
4. **T. latemarginale,** *Eat.*; Hook. et Bak. l. c. 79. Causeway Bay, Mt. Parker and Mt. Nicholson, Hongkong; Swatow.
5. **T. humile,** *Forst.*; Hook. et Bak. l. c. 80. On rocks behind the Bhuddhist temple, Causeway Bay, Hongkong.
6. **T. Matthewii,** *Christ* in Lecomte, Not. Syst. 1909, 56. On the North River at Mongsihay.
7. **T. radicans,** *Swartz*; Hook. et Bak. l. c. 81. Near the Tangha Monastery, N. River; Lofoushan.
8. **T. orientale,** *Christens.*; *T. japonicum*, Franch. et Sav. Enum. Pl. Jap. ii. 618. Taimoshan at 2500 ft., Hongkong New Territory; Lienchow River.
9. **T. auriculatum,** *Blume*; Hook. et Bak. l. c. 82. Maönshan at 1500 ft., Hongkong New Territory.
10. **T. rigidum,** *Swartz*; Hook. et Bak. l. c. 86. On clay banks Happy Valley and Little Hongkong woods, and on rocks in stream beds on Mt. Parker, Hongkong; Taimoshan, Hongkong New Territory; North-West River.

7.—DAVALLIA.

Key to species.

1.	Fronds 3 to 6 inches long	1. *pedata.*
	Fronds much longer	2.
2.	Fronds simply pinnate	3.
	Fronds bi- tri- or quadripinnatifid ...	4.
3.	Pinnae slightly undulate or serrate ...	5. *Hookeriana.*
	Pinnae cut down about half-way to the rachis	6. *marginalis.*
4.	Fronds bipinnatifid	7. *strigosa.*
	Fronds tri- or quadripinnatifid ...	5.
5.	Rhizome thick, covered with silky scales	6.
	Rhizome thin, not covered with silky scales	8.
6.	Sori marginal	2. *elegans.*
	Sori not marginal	7.
7.	Fronds 9 to 12 inches long	4. *Griffithiana.*
	Fronds 2 to 3 feet long	3. *divaricata.*
8.	Pinnules cuneate	10. *tenuifolia.*
	Pinnules not cuneate	9.
9.	Veins beneath prominently raised; texture coriaceous	8. *hirta.*
	Veins beneath not prominent; texture herbaceous	10.
10.	Under surface of fronds hairy ...	9. *Speluncae.*
	Fronds glabrous	11. *Matthewii.*

1. D. pedata, *Smith*; Hook. et Bak. Syn. Fil. 89. Common on rocks on Victoria Peak and Mt. Nicholson, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; Lanfa Mt., Hoifung; at the foot of the Phoenix Mt., Swatow.
2. D. elegans, *Swartz*; Hook. et Bak. l. c. 95. Hongkong without locality.
3. D. divaricata, *Blume*; Hook. et Bak. l. c. 96. Common on rocks on Mt. Victoria and Mt. Parker, Hongkong; Taimoshan at 1500 ft., Hongkong New Territory; Lofoushan.
4. D. Griffithiana, *Hook.*; Hook. et Bak. l. c. 96. East of Wongneichong at 300 ft. Hongkong; Lienchow River; woods at Filoitze.
5. D. Hookeriana, *Wall.*; Hook. et Bak. l. c. 97. Pokfulam ravine, east of the racecourse, and on Mt. Nicholson, Hongkong; Maönshan, and Taimoshan, Hongkong New Territory; Hoifung.
6. D. marginalis, *Bak.*; Hook. et Bak. l. c. 98. Little Hongkong, Hongkong; Taimoshan at 2000 ft., Hongkong New Territory; N. River.
7. D. strigosa, *Swartz*; Hook. et Bak. l. c. 98. Maönshan at 1800 ft., Hongkong New Territory.
8. D. hirta, *Kaulf.*; Hook. et Bak. l. c. 100. Naturalised in the Glenealy ravine, Hongkong.
9. D. Speluncae, *Bak.*; Hook. et Bak. l. c. 100. Common in ravines and near villages, Hongkong; Wongyu.
10. D. tenuifolia, *Swartz*; Hook. et Bak. l. c. 102. Victoria Peak, Happy Valley, and elsewhere, Hongkong; Lamma Island, and elsewhere, Hongkong New Territory; ditches near Chaochaufu.
11. D. Matthewii, *Christ* in Lecomte, Not. Syst. 1909, 54. Near Taonan on the Lienchow River.

8.—LINDSAYA.

Key to species.

1.	Main rachis unbranched	1. *cultrata*.
	Main rachis more or less branched ...	2.
2.	Fronds simply pinnate, pinnae linear, entire	3. *ensifolia*.
	Fronds once or twice pinnate, pinnae not linear and entire	3.
3.	All pinnules obovate or orbicular ...	2. *flabellulata*.
	Lateral pinnules obovate, terminal pinnules lanceolate	4. *heterophylla*.

1. L. cultrata, *Swartz*; Hook. et Bak. Syn. Fil. 105. Hoifung; Lofoushan.
2. L. flabellulata, *Dry.*; Hook. et Bak. l. c. 107. Very common on dry banks and in woods, Hongkong; on the bank of the Han River, Swatow; Lanfa Mt., Hoifung.

3. **L. ensifolia**, *Swartz*; Hook. et Bak. l. c. 112. Very common, in similar situations to the last, in Hongkong; hills above Kowloon reservoir, Hongkong New Territory; hills near Chaochaufu; Lofoushan.
4. **L. heterophylla**, *Dry.*; Hook. et Bak. l. c. 112. In woods and shady places, Hongkong; on hills above Kowloon reservoir, Hongkong New Territory.

9.—ADIANTUM.

Key to species.

1. Fronds once pinnate	2.	
Fronds twice pinnate or dichotomously branched	5.	
2. Pinnae dimidiate	3.	
Pinnae not dimidiate	4.	
3. Pinnae glabrous	1.	*lunulatum.*
Pinnae villous	4.	*caudatum.*
4. Pinnae cuneate, alternate	2.	*Gravesii.*
Pinnae suborbicular, opposite or subopposite	3.	*Capillus-Junonis.*
5. Fronds dichotomously branched ...	6.	*flabellulatum.*
Fronds twice pinnate	5.	*Capillus-Veneris.*

1. **A. lunulatum**, *Burm.*; Hook. et Bak. Syn. Fil. 114. At Aberdeen, Little Hongkong, and elsewhere, Hongkong; near Kowloon City, Mirs Bay, and Chinwan, Hongkong New Territory; Lofoushan.
2. **A. Gravesii**, *Hance* in Journ. Bot. 1875, 197. Limestone rocks along the Lienchow River; on rocks at Piklok on the North River.
3. **A. Capillus-Junonis**, *Rupr.*; Hook. et Bak. l. c. 114. City Wall, Canton; Lienchow River; Filoitze North River; N.W. River.
4. **A. caudatum**, *Linn.*; Hook. et Bak. l. c. 115. On a shady bank Robinson Road, Causeway Bay, Little Hongkong, and Happy Valley, Hongkong; Sungwongtoi hill near Kowloon City, Lantao Island, and Mirs Bay, Hongkong New Territory; Lienchow River; banks near the sea, Wongyu.
5. **A. Capillus-Veneris**, *Linn.*; Hook. et Bak. l. c. 123. In a ravine on the north face of Mt. Gough, Hongkong; Lienchow River; North River.
6. **A. fabellulatum**, *Linn.*; Hook. et Bak. l. c. 126. Common in Hongkong; hills above Kowloon reservoir, Hongkong New Territory; Swatow; Pakhoi; Lofoushan; Whampoa; Macao.

10.—CHEILANTHES.

Key to species.

1. Fronds glabrous	2.
Under surface of fronds covered with white powder	4.

2.	Fronds tripinnate	3.
	Fronds bipinnate	1. *Fordii.*
3.	Fronds deltoid	3. *tenuifolia.*
	Fronds ovate-lanceolate	2. *mysurensis.*
4.	Fronds deltoid, pedate	4. *argentea.*
	Fronds lanceolate	5. *farinosa.*

1. **C. Fordii,** *Bak.* in Journ. Bot. 1879, 304. Hills near Chaochaufu, Swatow; North River.
2. **C. mysurensis,** *Wall.*; Hook. et Bak. Syn. Fil. 135. Among granite boulders, Long Harbour, Hongkong New Territory; on old walls, Canton; Cockscomb rocks, West River.
3. **C. tenuifolia,** *Swartz*; Hook. et Bak. l. c. 138. Common on dry banks especially on the south side of the island, Hongkong; near Shingmun, Hongkong New Territory; near Yit-hai, Swatow.
4. **C. argentea,** *Hook.*; Hook. et Bak. l. c. 142. Lienchow River; North River.
5. **C. farinosa,** *Kaulf.*; Hook. et Bak. l. c. 142. Phoenix Mt., Swatow; Lienchow River.

11.—ONYCHIUM.

1. **O. japonicum,** *Kunze*; Hook. et Bak. l. c. 143. On Mt. Gough, and plentiful on the southern face of Violet hill above Repulse Bay, Hongkong; Lantao Island, Hongkong New Territory; Lofoushan; Kunyam-ngam, N. River.

12.—PELLAEA.

Key to species.

Pinnae cut nearly down to the rachis...	1. *geraniaefolia.*
Pinnae cut down to the rachis ...	2. *nitidula.*

1. **P. geraniaefolia,** *Fee*; Hook. et Bak. Syn. Fil. 146. North Point, Hongkong; Long Harbour, Hongkong New Territory; Canton; White Cloud hills near Canton; Northwest River.
2. **P. nitidula,** *Bak.*; Hook. et Bak. l. c. 149. On bare limestone rocks along the Lienchow River.

13.—PTERIS.

Key to species.

1.	Veins anastomosing	13. *incisa.*
	Veins free	2.
2.	Lower pinnae divided	5.
	Lower pinnae undivided	3.
3.	Pinnae 12 to 60	4.
	Pinnae 3 to 5	5. *deltodon.*
4.	Pinnae 12 to 24	2. *insignis.*
	Pinnae 40 to 60	1. *longifolia.*

5.	Lower pinnae forked	6.
	Lower pinnae once or more pinnate or pinnatifid	9.
6.	Sterile pinnae nearly 1 inch broad ...	7.
	Sterile pinnae $\frac{1}{2}$ inch broad, or less ...	8.
7.	Pinnae serrate, apex acute	3. *cretica.*
	Pinnae subcrenate, apex often obtuse...	4. *plumbea.*
8.	Sterile pinnae $\frac{1}{8}$ to $\frac{1}{4}$ inch broad ...	6. *serrulata.*
	Sterile pinnae $\frac{3}{8}$ to $\frac{1}{2}$ inch broad ...	7. *ensiformis.*
9.	Lower pinnae simply pinnate	10.
	Lower pinnae tripinnate or bipinnatifid	11.
10.	Lower pinnae pinnate on lower edge only	9. *semipinnata.*
	Lower and upper pinnae completely pinnate	13. *decrescens.*
11.	Lower pinnae tripinnate	10. *aquilina.*
	Lower pinnae bipinnatifid	12.
12.	Fertile and sterile fronds dissimilar ...	8. *dimorpha.*
	Fertile and sterile fronds similar ...	13.
13.	Middle pinnae 2 to 3 inches long ...	12. *Grevilleana.*
	Middle pinnae 5 inches long or more...	11. *biaurita.*

1. **P. longifolia**, *Linn.*; Hook et Bak. Syn. Fil. 153. Common on old walls, Hongkong; near Chaochaufu, Swatow.
2. **P. insignis**, *Mett.*; Kuhn in Jour. Bot. 1868, 269. On the grassy slope of Victoria Peak, Hongkong; Taimoshan at 2700 ft. among grass and scrub, Hongkong New Territory.
3. **P. cretica**, *Linn.*; Hook. et Bak. Syn. Fil. 154. Lienchow River; North River; West River.
4. **P. plumbea**, *Christ* in Lecomte, Not. Syst. 1909. 49. Swatow.
5. **P. deltodon**, *Bak.* in Journ. Bot. 1888, 226. Kwangtung without locality.
6. **P. serrulata**, *Linn. f.*; Hook. et Bak. l. c. 155. Common on walls near Victoria, Hongkong.
7. **P. ensiformis**, *Burm.*; Hook. et Bak. l. c. 155. Common on dry banks, Hongkong; in similar places in Hongkong New Territory.
8. **P. dimorpha**, *Copel.* in Philipp. Journ. Sci. Bot. iii. 282. In a shady wood near Fanling, Hongkong New Territory; Lienchow River.
9. **P. semipinnata**, *Linn.*; Hook. et Bak. l. c. 157. Common in woods, Hongkong; near Shingmun, Hongkong New Territory; Macao.
10. **P. aquilina**, *Linn.*; Hook. et Bak. l. c. 162. Common from sea level to 1500 ft., Hongkong; also in Hongkong New Territory; hills near Chaochaufu; Lofoushan.
11. **P. biaurita**, *Linn.*; Hook. et Bak. l. c. 164. Common in Hongkong; Lamma Island, Hongkong New Territory; near Chaochaufu; Macao.
12. **P. Grevilleana**, *Wall.*; Beddome Ferns Brit. Ind. 112. Hongkong; on the bank of the Han River, Swatow; Lofoushan.
13. **P. decrescens**, *Christ* in Bull. Acad. Géogr. Bot. 1906, 244. Lienchow River.
14. **P. incisa**, *Thunb.*; Hook. et Bak. l. c. 172. Lienchow River; West River; Lofoushan.

14.—CERATOPTERIS.

1. **C. thalictroides**, *Brongn.*; Hook. et Bak. l. c. 174. East Point, Happy Valley, Little Hongkong, Sheko, and elsewhere, Hongkong; Gindrinkers' Bay, Hongkong New Territory.

15.—LOMARIA.

1. **L. Matthewii**, *Christ*; *Plagiogyria tenuifolia*, Copel. in Philipp. Journ. Sci. Bot. iii. 281. Maönshan at 1500 ft., Hongkong New Territory; Kwaisin at 2500 ft., Hoifung.

16.—BLECHNUM.

1. **B. orientale**, *Linn.*; Hook. et Bak. Syn. Fil. 186. Very common on the hills in Hongkong and Hongkong New Territory; Swatow; Lofoushan.

17.—WOODWARDIA.

Key to species.

1.	Fronds once pinnatifid	3. *Harlandii.*
	Fronds pinnate or bipinnatifid ...	2.
2.	Fronds bipinnatifid	4. *Kempii.*
	Fronds pinnate	3.
3.	Pinnae cut down nearly to the rachis...	1. *orientalis.*
	Pinnae cut $\frac{1}{2}$ or $\frac{2}{3}$ down to the rachis...	2. *japonica.*

1. **W. orientalis**, *Swartz*; Hook. et Bak. l. c. 188. Victoria Peak, Mt. Parker and Aberdeen, Hongkong; hillside and river bank near Chaochaufu; North River.
2. **W. japonica**, *Swartz*; Hook. et Bak. l. c. 188. Mt. Davis, Happy Valley woods, Aberdeen and Mt. Gough, Hongkong; Hongkong New Territory without locality; on the bank of the Han River and slopes of the Phoenix Mt., Swatow; Kwaisin, Hoifung; Filoitze woods, North River.
3. **W. Harlandii**, *Hook.*; Hook. et Bak. l. c. 189. In long grass, Mt. Victoria, Mt. Gough and Mt. Parker, Hongkong; Taimoshan; slopes of the Phoenix Mt., Swatow; Lofoushan.
4. **W. Kempii**, *Copel.* in Philipp. Journ. Sci. Bot. iii. 280. Taimoshan, Hongkong New Territory; near Chaochaufu.

18.—ASPLENIUM.

Key to species.

1.	Fronds entire	2.
	Fronds lobed, pinnatifid or once or more pinnate	5.
2.	Fronds 2 or 4 feet long	1. *Nidus.*
	Fronds 1 to $1\frac{1}{2}$ feet long	3.
3.	Lower part of frond gradually narrowed into stipes	4.
	Lower part of frond abruptly narrowed into stipes	23. *lanceum.*

4.	Frond 10 times as long as broad ...	3. *holosorum.*
	Frond 20 times as long as broad ...	2. *ensiforme.*
5.	Fronds lobed	24. *zeylanicum.*
	Fronds pinnatifid or once or more pinnate	6.
6.	Fronds pinnatifid	7. *adnatum.*
	Fronds once or more pinnate	7.
7.	Fronds once pinnate	8.
	Fronds bipinnate or tripinnate ...	21.
8.	Pinnae entire	27. *bantamense.*
	Pinnae crenate, serrate, lobed or pinnatifid	9.
9.	Pinnae crenate or inciso-crenate ...	10.
	Pinnae serrate, lobed or pinnatifid ...	15.
10.	Pinnae dimidiate	11.
	Pinnae not dimidiate	13.
11.	Pinnae ½ to ¾ inch long	4. *normale.*
	Pinnae 1 inch long or more	12.
12.	Sori 1 or rarely 2 in the teeth ..	11. *heterocarpum.*
	Sori not in the teeth	10. *resectum.*
13.	Pinnae ¾ to 1½ inch long	6. *crinicaule.*
	Pinnae 2 to 3½ inches long	14.
14.	Pinnae 3 to 3½ inches long, crenulated the whole length	26. *Pullingeri.*
	Pinnae 2 to 2½ inches long, crenulated towards the tip	25. *chlorophyllum.*
15.	Pinnae serrate	16.
	Pinnae lobed or pinnatifid	18.
16.	Base of pinnae narrowed suddenly ...	28. *sylvaticum.*
	Base of pinnae cuneate...	17.
17.	Upper part of rachis with a narrow wing...	5. *Wrightii.*
	Rachis not winged	9. *macrophyllum.*
18.	Pinnae lobed	19.
	Pinnae pinnatifid	21.
19.	Lower pinnae 3–5-lobed	8. *dimidiatum.*
	Lower pinnae more than 5-lobed ...	20.
20.	Lobes shorter on lower side of pinnae than on upper	18. *macrocarpum.*
	Lobes on both sides of pinnae equal ...	29. *japonicum.*
21.	Rachis compressed ; sori marginal ..	22.
	Rachis not compressed ; sori not marginal	23.
22.	Frond pinnate to the end	17. *Belangeri.*
	Frond with bare end	16. *rutaefolium.*
23.	Rachis villous	30. *Petersenii.*
	Rachis nearly naked	31. *Oldhami.*
24.	Fronds tripinnate	14. *laserpitiifolium.*
	Fronds bipinnate	25.
25.	Fronds including stipes about 1 foot long	15. *coenobiale.*
	Fronds 1½ to 6 feet long	26.
26.	Fronds tripinnatifid	29.
	Fronds not tripinnatifid	27.

27.	Veins anastomosing	36. *esculentum.*
	Veins not anastomosing	28.
28.	Pinnules deeply crenate	33. *maximum.*
	Pinnules entire or nearly so	34. *latifolium.*
29.	Pinnules $4\frac{1}{2}$ inches long, $1\frac{1}{2}$ inches broad	35. *nudicaule.*
	Pinnules less than 1 inch broad ...	30.
30.	Pinnules cuneate	31.
	Pinnules not cuneate	32.
31.	Rachis flat, compressed	12. *planicaule.*
	Rachis not flat or compressed	13. *cuneatum.*
32.	Pinnules $\frac{1}{2}$ inch broad	22. *umbrosum.*
	Pinnules $\frac{1}{4}$ inch broad or less	33.
33.	Pinnules deeply pinnatifid	34.
	Pinnules cut half way down or less ...	35.
34.	Sori straight	32. *chinense.*
	Sori curved	21. *Filix-foemina.*
35.	Sori chiefly near midrib of pinnules ...	19. *nigripes.*
	Sori scattered	20. *nipponicum.*

1. A. **Nidus**, *Linn.*; Hook. et Bak. Syn. Fil. 190. In the Happy Valley woods, Mt. Parker, Cape d'Aguilar, Taitam Tuk, and behind the Bhuddist temple, Causeway Bay, Hongkong; Mirs Bay, Hongkong New Territory.
2. A. **ensiforme**, *Wall.*; Hook. et Bak. l. c. 191. Among great granite boulders on the higher parts of Taimoshan, Hongkong New Territory.
3. A. **holosorum**, *Christ* in Bull. Herb. Boiss. sér 2, vii. 10. Taimoshan, Hongkong New Territory.
4. A. **normale**, *Don*; Hook. et Bak. l. c. 197. On the west side of Victoria Peak near the signal station, among rocks near the summit of Mt. Gough, Hongkong; Taimoshan and Maönshan, Hongkong New Territory; top of the Phoenix Mt., Swatow; Lofoushan; White Cloud hills, near Canton.
5. A. **Wrightii**, *Eaton*; Hook. et Bak. l. c. 204. Taimoshan at 2300 ft. among boulders, Hongkong New Territory.
6. A. **crinicaule**, *Hance*; Hook. et Bak. l. c. 208. In a cavern among boulders Mt. Parker, Hongkong; on the south face of Taimoshan at 1500 ft., Hongkong New Territory; Lienchow River; on rocks in the woods at Tingushan, and other localities on the West River.
7. A. **adnatum**, *Copel.* in Philipp. Journ. Sci. Bot. iii. 280. Taimoshan among boulders at 2500 ft., Hongkong New Territory.
8. A. **dimidiatum**, *Swartz*; Hook. et Bak. l. c. 209. Cock's-comb and other calcareous rocks, W. River; Lienchow River; N. River.
9. A. **macrophyllum**, *Swartz*; Hook. et Bak. l. c. 209. On Mt. Davis below the Victoria Rd., Hongkong; Lantao Island and Mirs Bay, Hongkong New Territory.
10. A. **resectum**, *Smith*; Hook. et Bak. l. c. 210. In the spray or drip of streams; on Mt. Parker in damp caverns, Hongkong; Taimoshan at 2600 ft., Hongkong New Territory; Lienchow River.

11. A. **heterocarpum**, *Wall.*; Hook. et Bak. l. c. 210. Lienchow River; in bushy ravines at Filoitze Monastery, North River.
12. A. **planicaule**, *Wall.*: Hook. et Bak. l. c. 211. Streams at the foot of the Phoenix Mt., Swatow; Lofoushan at 3100 ft.
13. A. **cuneatum**, *Lam.*; Hook. et Bak. l. c. 214. Victoria Peak, Hongkong.
14. A. **laserpitiifolium**, *Lam.*; Hook. et Bak. l. c. 214. In the Happy Valley woods, on Victoria Peak, Cape d'Aguilar, and elsewhere, Hongkong; Taimoshan, Maönshan and Mirs Bay, Hongkong New Territory.
15. A. **coenobiale**, *Hance* in Journ. Bot. 1874, 142. Common on limestone rocks Lienchow River; North River; old walls at Tingushan Monastery on the West River.
16. A. **rutaefolium**, *Kunze*; Hook. et Bak. l. c. 222. On the south and west slopes of Mt. Parker, Hongkong; Lantao Island, Taimoshan and Lyeemun, Hongkong New Territory; Monchipang hill near Chaochaufu.
17. A. **Belangeri**, *Kunze*; Hook. et Bak. l. c. 223. Cock's-comb Rocks, W. River.
18. A. **macrocarpum**, *Blume*; Hook. et Bak. l. c. 227. Phoenix Mt., Swatow; Lofoushan at 3100 ft.
19. A. **nigripes**, *Blume*; Hook. et Bak. l. c. 227. Lofoushan.
20. A. **niponicum**, *Mett.*; Hook. et Bak. l. c. 227. Filoitze woods, North River.
21. A. **Filix-foemina**, *Bernh.*; Hook. et Bak. l. c. 227. Top of the Phoenix Mt., Swatow.
22. A. **umbrosum**, *J. Smith*; Hook. et Bak. l. c. 229. Lienchow River.
23. A. **lanceum**, *Thunb.*; Hook. et Bak. l. c. 229. Rather common on damp banks, Hongkong; Taimoshan, and Shingmun, Hongkong New Territory; Lienchow River; banks of stream at Mai-sa-ou; mountain above Wongyu.
24. A. **zeylanicum**, *Hook.*; Hook. et Bak. l. c. 230. On a shady bank on the south side of Caine Rd., Hongkong.
25. A. **chlorophyllum**, *Bak.* in Journ. Bot. 1885, 104. Maönshan at 1800 ft.; Taimoshan at 2500 ft., Hongkong New Territory.
26. A. **Pullingeri**, *Bak.* in Gard. Chron. 1875, ii. 484. Hongkong without locality; Taimoshan and Maönshan in damp shady places, Hongkong New Territory.
27. A. **bantamense**, *Bak.*; Hook. et Bak. l. c. 231. In the Happy Valley, ravine on Mt. Victoria above Wongneichong catchwater, Mt. Parker, and Mt. Gough, Hongkong; Taimoshan at 2000 ft., Hongkong New Territory; Lienchow River; North River.
28. A. **sylvaticum**, *Presl*; Hook. et Bak. l. c. 232. On the wooded summit of Mt. Nicholson, Hongkong; on the scrub-covered northern slope of Maönshan, and among rocks on Taimoshan, Hongkong New Territory.
29. A. **japonicum**, *Thunb.*; Hook. et Bak. l. c. 234. Common on banks and in ravines, Hongkong; Taimoshan, Hongkong New Territory; wooded ravine at Mai-sa-ou.

30. A. Petersenii, *Christ*; *A. lasiopteris*, Mett.; Hook. et Bak. l. c. 235. Canton.
31. A. Oldhami, *Hance*; *A. japonicum*, var. *Oldhami*, Hook. et Bak. l. c. 235. Taimoshan, Hongkong New Territory.
32. A. chinense, *Bak.* in Hook. et Bak. l. c. 237. Canton.
33. A. maximum, *Don*; Hook. et Bak. l. c. 239. Mt. Parker, Hongkong; Taimoshan, Hongkong New Territory; shady bed of stream near N. River.
34. A. latifolium, *Don*; Hook. et Bak. l. c. 239. Among boulders Mt. Parker, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; N. River.
35. A. nudicaule, *Copel.* in Philipp. Journ. Sci. Bot. iii. 278. Lienchow River.
36. A. esculentum, *Presl*; Hook. et Bak. l. c. 244. Near streams at Little Hongkong, Hongkong; at the foot of Taimoshan, Hongkong New Territory; Lienchow River; bamboo groves at Taimiu, N. River.

19.—ASPIDIUM.

Key to species.

1.	Fronds pinnatifid or pinnate at the base only	1. *basipinnatum*.
	Fronds once or more pinnate	2.
2.	Fronds once pinnate	3.
	Fronds more than once pinnate ...	4.
3.	Pinnae 2 to 3 inches long	7. *falcatum*.
	Pinnae ½ to 1½ inches long	2. *auriculatum*.
4.	Fronds tri- or quadripinnatifid at the base	6.
	Fronds bipinnatifid at the base ...	5.
5.	Stipes more or less scaly throughout...	3. *aculeatum*.
	Stipes polished, scaly at the base only	4. *amabile*.
6.	Veins anastomosing copiously... ...	9. *membranaceum*.
	Veins all free	7.
7.	Ultimate pinnules not serrated ...	6. *varium*.
	Ultimate pinnules serrated	8.
8.	Ultimate pinnules awned	7. *aristatum*.
	Ultimate pinnules not awned	5. *laserpitiifolium*.

1. A. basipinnatum, *Bak.* in Journ. Bot. 1889, 176. On the north side of Mt. Nicholson amoung loose stones, Hongkong; Tangha on the North River; Paksa on the West River; N.W. River.
2. A. auriculatum, *Swartz*; Hook. et Bak. Syn. Fil. 251. Lantao Island, Taimoshan and Maönshan, Hongkong New Territory; Hoifung; Lienchow River; Lofoushan.
3. A. aculeatum, *Swartz*; Hook. et Bak. l. c. 252. Lantao Island and Taimoshan, Hongkong New Territory; summit of Maushan Mt. at 2400 ft., near Ookaisa.
4. A. amabile, *Blume*; Hook. et Bak. l. c. 254. Village of Sungtong, N.W. from Hongkong; Lienchow River; North River.

5. **A. laserpitiifolium**, *Mett.*; Hook. et Bak. l. c. 254. Lofoushan.
6. **A. varium**, *Swartz*; Hook. et Bak. l. c. 254. Mt. Gough, Mt. Victoria, and elsewhere, Hongkong; Lantao Island, Shingmun, Pakmong and elsewhere, Hongkong New Territory; hill near Chaochaufu; Lienchow River.
7. **A. aristatum**, *Swartz.*; Hook. et Bak. l. c. 255. Happy Valley woods, Little Hongkong and Mt. Nicholson, Hongkong; Mirs Bay, Hongkong New Territory; river bank near Chaochaufu.
8. **A. falcatum**, *Swartz*; Hook. et Bak. l. c. 257. Near Taitam Bay and Tailungwan, Hongkong; Waglan Island, Hongkong New Territory; top of the Phoenix Mt., Swatow; N. River.
9. **A. membranaceum**, *Hook.*; Hook. et Bak. l. c. 259. Hongkong without locality; Lienchow River; North River; West River.

20.—NEPHRODIUM.

Key to species.

1.	Fronds pinnatifid	2.
	Fronds once or more pinnate	3.
2.	Pinnae $\frac{3}{4}$ to 2 inches long	1. *decursivopinnatum.*
	Pinnae 6 inches long or more	28. *decurrens.*
3.	Fronds once pinnate	4.
	Fronds more than once pinnate at least at the base	18.
4.	Pinnae lobed or pinnatifid	5.
	Pinnae serrate or crenate	11.
5.	Pinnae deeply pinnatifid	6.
	Pinnae cut halfway down to the rachis	8.
6.	Veinlets forked	8. *Thelypteris.*
	Veinlets never forked	7.
7.	Lobes oblong, entire	4. *gracilescens.*
	Lobes lanceolate, subcrenate	5. *repentulum.*
8.	Lower veinlets of contiguous groups free	9.
	Lower veinlets of contiguous groups united	10.
9.	Pinnae 4 to 8 inches long; veinlets 10 to 15 on each side	7. *prolixum.*
	Pinnae 2 to 4 inches long; veinlets 3 to 6 on each side	6. *calcaratum.*
10.	Pinnae abruptly reduced below ...	25. *heterocarpon.*
	Lower pinnae rather shorter than the others	24. *molle.*
11.	Pinnae serrate; veinlets of contiguous groups united	13.
	Pinnae crenate (some entire); veinlets of contiguous groups free... ...	12.

12.	Pinnae 4 to 8 on each side, 4 to 6 inches long	3. *podophyllum.*
	Pinnae 12 or more on each side, 2 to 3 inches long	2. *decipiens.*
13.	Rhizome wide-creeping	14.
	Caudex erect or suberect	16.
14.	Lower pinnae conspicuously reduced...	20. *aridum.*
	Lower pinnae slightly if at all reduced	15.
15.	Lobes of pinnae triangular (deltoid) ...	18. *unitum.*
	Lobes of pinnae sub-falcate, triangular	19. *sophoroides.*
16.	Pinnae 6 to 9 inches long	23. *pennigerum.*
	Pinnae 2 to 4 inches long	17.
17.	Stalk slender; upper half or third of frond pinnatifid	22. *latipinna.*
	Stalk strong; upper quarter of frond only pinnatifid	21. *amboinense.*
18.	Fronds bipinnate or tripinnatifid ...	19.
	Fronds quadripinnatifid	26.
19.	Fronds bipinnate at least at the base, not tripinnatifid	20.
	Fronds bipinnate at the base, tripinnatifid	23.
20.	Veins anastomosing copiously ...	27. *subtriphyllum.*
	Veins free	21.
21.	Involucre red when young; base of lower pinnae $1\frac{1}{4}$ inches broad ...	22.
	Involucre not red when young; base of lower pinnae $1\frac{3}{4}$ inches broad ...	9. *Filix-mas.*
22.	Stalk clothed with scales	10. *erythrosorum.*
	Stalk naked	11. *tenuiculum.*
23.	Veins anastomosing	25.
	Veins free	24.
24.	Rachis thickly scaly	12. *Eatoni.*
	Rachis naked or slightly scaly ...	13. *sparsum.*
25.	Fronds 4 to 6 feet long; pinnae 1 to $1\frac{1}{2}$ feet long	26. *Leuzeanum.*
	Fronds under 3 feet long; pinnae 6 to 9 inches long	29. *cicutarium.*
26.	Fronds including stalk 3 to 5 feet long	27.
	Fronds including stalk under 3 feet long	28.
27.	Pinnules linear-lanceolate, apex acute	17. *setigerum.*
	Pinnules lanceolate, apex more or less blunt	16. *intermedium.*
28.	Ultimate segments acute	15. *Fordii.*
	Ultimate segments blunt	14. *crenatum.*

1. **N. decursivopinnatum,** *Bak.*; Hook. et Bak. Syn. Fil. 259. Kwaisin, Hoifung; North River.
2. **N. decipiens,** *Hook.*; Hook. et Bak. l. c. 260. Taimoshan at 2500 ft., Hongkong New Territory; top of Phoenix Mt., Swatow.
3. **N. podophyllum,** *Hook.*; Hook. et Bak. l. c. 260. Victoria Peak and Mt. Nicholson in shady ravines Hongkong; Lantao Island, Hongkong New Territory; Swatow.

4. **N. gracilescens**, *Hook.*; Hook. et Bak. l. c. 262. Mt. Kellet, Victoria Peak and Mt. Gough, Hongkong; Lofoushan at 600 ft.; North River; shady hollows about Canton; wooded ravine at Maisaöu.
5. **N. repentulum**, *Tutcher* nom. nov. *Dryopteris repentula*, Christ in Lecomte, Not. Syst. 1909, 39. Hongkong.
6. **N. calcaratum**, *Hook.*; Hook. et Bak. l. c. 264. Victoria Peak and Sheko ravine on rocks in the course of the stream, Hongkong; Taimoshan; Hongkong New Territory; Lofoushan at 800 ft.
7. **N. prolixum**, *Bak.*; Hook. et Bak. l. c. 268. Below bridge, Little Hongkong, Victoria Peak on the side of a stream, Hongkong; Taimoshan, Hongkong New Territory.
8. **N. Thelypteris**, *Desv.*; Hook. et Bak. l. c. 271. Mt. Parker, Hongkong; Taimoshan, Hongkong New Territory.
9. **N. Filix-mas**, *Rich.*; Hook. et Bak. l. c. 272. Victoria Peak, Mt. Parker and elsewhere, Hongkong; Taimoshan, Hongkong New Territory; White Cloud hills, Canton; Lienchow River; North River; Maushan Mt., near Ookaisa; Lofoushan.
10. **N. erythrosorum**, *Hook.*; Hook. et Bak. l. c. 273. Hongkong without locality; Canton; among rocks at top of White Cloud hills, Canton.
11. **N. tenuiculum**, *Tutcher nom. nov.*; *Dryopteris tenuicula*, Matthew et Christ in Lecomte, Not. Syst. 1909, 56. North River at Feiloy.
12. **N. Eatoni**, *Bak.* in Hook. et Bak. l. c. 276. Lienchow River.
13. **N. sparsum**, *Don*; Hook. et Bak. l. c. 276. Morrison Hill Gap Road, Hongkong; Taimoshan and Maönshan, Hongkong New Territory; hill near Chaochaufu.
14. **N. crenatum**, *Bak.*; *N. odoratum*, Bak.; Hook. et Bak. l. c. 280. Lienchow River; on Cock's-comb Rock, West River.
15. **N. Fordii**, *Bak.* in Journ. Bot. 1889, 177. North River.
16. **N. intermedium**, *Bak.*; Hook. et Bak. l. c. 283. On the bank of the Han River, Swatow; Lienchow River; North River.
17. **N. setigerum**, *Bak.*; Hook. et Bak. l. c. 284. At Little Hongkong, and common near villages, Hongkong; Hongkong New Territory without locality; Chaochaufu.
18. **N. unitum**, *R. Br.*; Hook. et Bak. l. c. 289. Little Hongkong and Shaukiwan, Hongkong; Lamma Island, Kowloon Catchwater, Chinwan and Hebe Haven, Hongkong New Territory.
19. **N. sophoroides**, *Desv.*; Hook. et Bak. l. c. 289. Victoria Peak, Sheko, Aberdeen and Deepwater Bay, Hongkong; Hongkong New Territory without locality, near Chaochaufu; Macao, Ringing Rocks.
20. **N. aridum**, *Bak.*; Hook. et Bak. l. c. 291. On the north and south-west slopes of Mt. Parker, Hongkong.
21. **N. amboinense**, *Presl*; Hook. et Bak. l. c. 292. Little Hongkong, Happy Valley and Mt. Parker, Hongkong; near Chaochaufu; White Cloud hills, Canton.

22. **N. latipinna**, *Hook.*; Hook. et Bak. l. c. 292. Among damp rocks, Little Hongkong and Happy Valley, Hongkong; ravine at Maisaöu.
23. **N. pennigerum**, *Hook.*; Hook. et Bak. l. c. 292. Near Yit-hai, Swatow.
24. **N. molle**, *Desv.*; Hook. et Bak. l. c. 293. Very common in Hongkong on shady banks: Hongkong New Territory without locality; Lofoushan.
25. **N. heterocarpon**, *Moore*; Hook. et Bak. l. c. 293. Aberdeen New Road and Mt. Parker, Hongkong; Taimoshan, Hongkong New Territory; Swatow.
26. **N. Leuzeanum**, *Hook.*; Hook. et Bak. l. c. 295. Mt. Gough north and Mt. Parker south, Hongkong.
27. **N. subtriphyllum**, *Bak.*; Hook. et Bak. l. c. 296. In the Happy Valley woods, Little Hongkong, Deepwater Bay, Mt. Parker and elsewhere, Hongkong; Lamma Island and elsewhere, Hongkong New Territory; Lienchow River; wooded ravine, Maisaöu.
28. **N. decurrens**, *Bak.*; Hook. et Bak. l. c. 299. Mt. Parker, Sheko ravine and Little Hongkong woods, Hongkong.
29. **N. cicutarium**, *Bak.*; Hook. et Bak. l. c. 299. Limestone rocks along Lienchow River; N. River.

21.—NEPHROLEPIS.

Key to species.

1. Pinnae about 1 inch long; root tuberous	1. *cordifolia.*
Pinnae more than 1 inch long; root not tuberous	2.
2. Pinnae 1½ to 3 inches long; involucre reniform	2. *exaltata.*
Pinnae 4 to 6 inches long; involucre sub-peltate	3. *acuta.*

1. **N. cordifolia**, *Presl*; Hook. et Bak. Syn. Fil. 300. Common amongst stones and rocks on Mt. Victoria, Mt. Parker and elsewhere, Hongkong; Taimoshan, Hongkong New Territory; top of the Phoenix Mt., Swatow.
2. **N. exaltata**, *Schott*; Hook. et Bak. l. c. 301. Little Hongkong and elsewhere, Hongkong; Chinwan, Hongkong New Territory.
3. **N. acuta**, *Presl*; Hook. et Bak. l. c. 301. In the Happy Valley woods, Taitam and Cape d'Aguilar, Hongkong; Mirs Bay, Hongkong New Territory.

22.—OLEANDRA.

1. **O. Cumingii**, *J. Sm.*; Hook. et Bak. l. c. 303. On Mt. Parker above Taikoo, at 800 ft., Hongkong; Canton; Feiloy on the North River; West River; Lofoushan; Sichushan near Canton; Filoitze, N. River.

23.—POLYPODIUM.

Key to species.

1.	Fronds entire	2.
	Fronds pinnatifid or once or more pinnate	15.
2.	Fronds dimorphic, fertile ones under 6 inches long	3.
	Fronds not dimorphic	4.
3.	Fronds very coriaceous	9. *adnascens.*
	Fronds papery	18. *rhyncophyllum.*
4.	Fronds under 4 inches long and under 4 lines broad	5.
	Fronds more than 4 inches long and 4 lines broad	8.
5.	Under side of fronds closely woolly ...	7.
	Under side of fronds covered with long soft hairs	6.
6.	Fronds 2½ to 3 inches long, 2 to 3 lines broad	6. *hirtellum.*
	Fronds 2 inches long, 1½ to 2 lines broad	5. *parasiticum.*
7.	Fronds 3 to 4 inches long, 1 to 1½ line broad, tomentum loose	16. *linearifolium.*
	Fronds 2 to 3 inches long, 2 to 2½ lines broad, tomentum thick	12. *assimile.*
8.	Under surface matted with cottony or woolly tomentum	9.
	Under surface not matted with woolly hairs	10.
9.	Stalks close together with a tuft of lanceolate brown scales at the base	11. *calvatum.*
	Stalks distant without scales at the base...	10. *Lingua.*
10.	Substance thin; all or main veins distinct	13.
	Substance thick; all veins obscure ...	11.
11.	Sori large in single rows	12.
	Sori medium, scattered	15. *superficiale.*
12.	Fronds ½ to 1 foot long, ¼ to 2 inches broad	14. *lineare.*
	Fronds 2 to 4 inches long, ½ to 1 inch broad	13. *rostratum.*
13.	Sori small and copious, scattered irregularly	19. *irioides.*
	Sori large in irregular rows	14.
14.	Main veins very distinct, veinlets reticulated	20. *hemionitideum.*
	Main veins not distinct, veinlets not reticulated	17. *normale.*
15.	Fronds pinnatifid	16.
	Fronds once or more pinnate	24.

16.	Stalk winged to the base	17.
	Stalk not winged to the base	19.
17.	Wing of stalk lobed	27. *conjugatum.*
	Wing of stalk not lobed	18.
18.	Fronds of two kinds	28. *Fortunei.*
	Fronds all shaped alike	25. *dilatatum.*
19.	Stalk winged towards the top... ...	20.
	Stalk not winged	21.
20.	Fronds 3 or more-lobed, basal lobes not the largest	22. *pteropus.*
	Fronds 5–6-lobed, basal lobes largest	23. *hemitomum.*
21.	Fronds 3-lobed, but sometimes entire	21. *hastatum.*
	Fronds many lobed	22.
22.	Lobes wide apart, $\frac{1}{2}$ to $1\frac{1}{2}$ inch broad	24. *Phymatodes.*
	Lobes rather close, $\frac{1}{2}$ to $\frac{3}{4}$ inch broad	23.
23.	Fronds including stipes 1 to 3 feet long	7. *amoenum.*
	Fronds including stipes 4 to 8 feet long	26. *longissimum.*
24.	Fronds once pinnate	25.
	Fronds more than once pinnate ...	1. *punctatum.*
25.	Pinnae 1 inch broad or less	26.
	Pinnae $1\frac{1}{2}$ inches broad or more ...	2. *urophyllum.*
26.	Main veins distinct	27.
	Main veins not distinct	30. *leiorhizon.*
27.	Veins pinnate; fronds proliferous ...	28.
	Veins not pinnate; fronds not proliferous	29.
28.	Lobes of pinnae less than one line deep	4. *lineatum.*
	Lobes of pinnae over one line deep ...	3. *proliferum.*
29.	Veins $\frac{1}{6}$ inch apart, pinnae crenate ...	29. *Lehmanni.*
	Veins $\frac{1}{12}$ inch apart, pinnae entire ...	7. *Sampsoni.*

1. **P. punctatum,** *Thunb.*; Hook. et Bak. Syn. Fil. 312. Hongkong without locality; Taimoshan, Hongkong New Territory.
2. **P. urophyllum,** *Wall.*: Hook. et Bak. l. c. 314. Mt. Parker, Sheko, and Glenealy ravine, Hongkong; Taimoshan at 1500 ft., Hongkong New Territory.
3. **P. proliferum,** *Presl*; Hook. et Bak. l. c. 315. Lienchow River.
4. **P. lineatum,** *Colebr.*; Hook. et Bak. l. c. 316. Wet banks, Lienchow River.
5. **P. parasiticum,** *Mett.*; Hook. et Bak. l. c. 319. On a granite rock in the course of a small stream above Causeway Bay, Hongkong; near the summit of Taimoshan, Hongkong New Territory.
6. **P. hirtellum,** *Blume*; Hook. et Bak. l. c. 320. Taimoshan at 2600 ft., Hongkong New Territory.
7. **P. amoenum,** *Wall.*; Hook. et Bak. l. c. 341. Lofoushan.
8. **P. Sampsoni,** *Bak.* in New Ferns, 1892, 88. West River.
9. **P. adnascens,** *Swartz*; Hook. et Bak. Syn. Fil. 349. Common on rocks and trees, Hongkong; Stonecutters' Island; Hongkong New Territory without locality; near Chaochaufu.
10. **P. Lingua,** *Swartz*; Hook. et Bak. l. c. 350. Common on rocks on Victoria Peak, Mt. Parker and elsewhere, Hongkong;

Taimoshan, Hongkong New Territory; top of Phoenix Mt., Swatow.

11. P. **calvatum**, *Bak.* in Journ. Bot. 1879, 304. Lienchow River; North River.
12. P. **assimile**, *Bak.* in Journ. Bot. 1875, 201. Limestone rocks, Lienchow River.
13. P. **rostratum**, *Hook.*; Hook. et Bak. l. c. 353. Taimoshan and Maönshan, Hongkong New Territory; Lofoushan.
14. P. **lineare**, *Thunb.*; Hook. et Bak. l. c. 354. On the north side of Mt. Parker, and in a ravine east of the Wongneichong road, Hongkong; near the top of Taimoshan, Hongkong New Territory; Hoifung; Lofoushan.
15. P. **superficiale**, *Blume*; Hook. et Bak. l. c. 355. Victoria Peak, Mt. Gough and Mt. Nicholson, Hongkong; Taimoshan, Hongkong New Territory.
16. P. **linearifolium**, *Hook.*; Hook. et Bak. l. c. 356. Lienchow River; North River; West River.
17. P. **normale**, *Don*; Hook. et Bak. l. c. 358. On a boulder in a stream east of Wongneichong, Hongkong; Hongkong New Territory without locality; Lienchow River; West River.
18. P. **rhyncophyllum**, *Hook.*; Hook. et Bak. l. c. 359. Pakkwa-ngan, Swatow.
19. P. **irioides**, *Lam.*; Hook. et Bak. l. c. 360. Hongkong without locality, Taimoshan at 1000 to 1500 ft., Hongkong New Territory.
20. P. **hemionitideum**, *Wall.*; Hook. et Bak. l. c. 360. Mt. Parker north, Hongkong; Taimoshan and Lantao Island, Hongkong New Territory; Lofoushan.
21. P. **hastatum**, *Thunb.*; Hook. et Bak. l. c. 361. Hoifung; North River.
22. P. **pteropus**, *Blume*; Hook. et Bak. l. c. 362. On rocks in a stream at Little Hongkong, Hongkong; Taimoshan, Maönshan, and Hahang, Hongkong New Territory.
23. P. **hemitomum**, *Hance* in Journ. Bot. 1883, 269. Near Fukshanmun on the Lienchow River.
24. P. **Phymatodes**, *Linn.*; Hook. et Bak. l. c. 364. Mt. Davis close to the sea, Hongkong; Centre Isle, Mirs Bay, Hongkong New Territory.
25. P. **dilatatum**, *Wall.*; Hook. et Bak. l. c. 365. Mt. Gough north, in swampy ground, Hongkong; Chashan at 1200 ft.; Lofoushan.
26. P. **longissimum**, *Blume*; Hook. et Bak. l. c. 366. In marshy ground at the foot of Taimoshan, Hongkong New Territory.
27. P. **conjugatum**, *Lam.*; Hook. et Bak. 366. Victoria Peak, Happy Valley woods, Mt. Parker, and Cape d'Aguilar, Hongkong; Taimoshan, Maönshan, and Tatityan, Hongkong New Territory.
28. P. **Fortunei**, *Kunze*; Hook. et Bak. l. c. 367. Lofoushan; North River.
29. P. **Lehmanni**, *Mett.*; Hook. et Bak. l. c. 369. Lofoushan at 3100 ft.
30. P. **leiorhizon**, *Wall.*; Hook. et Bak. l. c. 369. Wonglunkun, Lofoushan.

24.—NOTHOCHLAENA.

1. **N. hirsuta**, *Desv.*; Hook. et Bak. l. c. 372. Aberdeen, Sheko, and abundantly elsewhere on the south side of the island, Hongkong; common in the Hongkong New Territory; on the bank of the Han River, Swatow.

25.—GYMNOGRAMME.

Key to species.

1. Fronds simple, entire or nearly so ...	2.
Fronds once or more pinnatifid ...	5.
2. Fronds dimorphic	6. *cantonensis.*
Fronds not dimorphic	3.
3. Fronds under 1 inch broad, thick ...	2. *lanceolata.*
Fronds 1½ inch broad or more, papery	4.
4. Fronds 1½ inch broad	3. *membranacea.*
Fronds 2 inches broad or more ...	6.
5. Fronds once pinnatifid	7. *elliptica.*
Fronds tripinnatifid	1. *opaca.*
6. Fronds suddenly narrowed half way down	4. *Wrightii.*
Fronds gradually narrowed into stalk	5. *macrophylla.*

1. **G. opaca**, *Spreng.*; Hook. et Bak. Syn. Fil. 378. Lienchow River.
2. **G. lanceolata**, *Hook.*; Hook. et Bak. l. c. 387. Lantao, Hongkong New Territory; Lofoushan at 900 ft.
3. **G. membranacea**, *Hook.*; Hook. et Bak. l. c. 388. Little Hongkong, Hongkong.
4. **G. Wrightii**, *Hook.* in Hook. et Bak. l. c. 388. Shady ravine on Taimoshan, Hongkong New Territory.
5. **G. macrophylla**, *Hook.*; Hook. et Bak. l. c. 388. Taimoshan, Hongkong New Territory; near Yit-hai, Swatow; Lienchow River.
6. **G. cantoniensis**, *Bak.* in Hook. Ic. Pl. t. 1685. Lienchow River; North River.
7. **G. elliptica**, *Bak.*; Hook. et Bak. l. c. 389. Common in ravines on Mt. Parker, Mt. Victoria, Little Hongkong and Happy Valley woods, Hongkong; Maönshan, Hongkong New Territory; Lienchow River; Lofoushan.

26.—BRAINEA.

1. **B. insignis**, *Hook.*; Hook et Bak. l. c. 390. Victoria Peak, Mt. Gough, Mt. Nicholson and elsewhere on exposed hills, Hongkong; Lantao Island and hills north of Kowloon City, Hongkong New Territory.

27.—MENISCIUM.

Key to species.

1. Fronds simple	1. *simplex.*
Fronds pinnate	2.

2. Pinnae 3	... ...	2. *triphyllum.*
Pinnae more than 3	... ...	3.
3. Edge of pinnae finely toothed	...	3. *serratum.*
Edge of pinnae not finely toothed	...	4. *cuspidatum.*

1. **M. simplex,** *Hook.*; Hook. et Bak. l. c. 390. In Glenealy ravine, Happy Valley woods, Little Hongkong and elsewhere, Hongkong; Taimoshan and Mirs Bay, Hongkong New Territory; hill near Chaochaufu.
2. **M. triphyllum,** *Swartz*; Hook. et Bak. l. c. 391. Whampoa; Lienchow River.
3. **M. serratum,** *Cav.*; Hook. et Bak. l. c. 392. Lienchow River.
4. **M. cuspidatum,** *Blume*; Hook. et Bak. l. c. 392. Taimoshan at 2600 ft., Hongkong New Territory; Pak-kwa-ngan near Phoenix Mt., Swatow.

28.—VITTARIA.

Key to species.

1. Sori sunk in a 2-lipped marginal groove		2.
Sori in a slightly intra-marginal line ...		3.
2. Veins obscure	... ...	1. *filipes.*
Veins plain	... ...	2. *elongata.*
3. Midrib distinct; fronds 6 to 18 inches long, 1½ to 4½ lines broad ...	...	3. *lineata.*
Midrib indistinct; fronds 10 inches long, under 1 line broad ...	... ...	4. *caricina.*

1. **V. filipes,** *Christ* in Bull. Acad. Géogr. Bot. 1907, 150. Slopes of Phoenix Mt., Swatow.
2. **V. elongata,** *Swartz*; Hook. et Bak. Syn. Fil. 395. Lofoushan.
3. **V. lineata,** *Swartz*; Hook. et Bak. l. c. 396. Taimoshan, Hongkong New Territory; slopes of Phoenix Mt., Swatow.
4. **V. caricina,** *Christ* in Bull. Acad. Géogr. Bot. 1904, 109. Chaochaufu.

29.—DRYMOGLOSSUM.

1. **D. carnosum,** *Hook.*; Hook. et Bak. Syn. Fil. 397. Common on rocks and trees in the Happy Valley woods and elsewhere, Hongkong; Lantao Island and Taimoshan, Hongkong New Territory; near Chaochaufu.

30.—HEMIONITIS.

1. **H. Griffithii,** *Hook f. et Thoms.*; Hook. et Bak. l. c. 399. Taimoshan at 2800 ft., Hongkong New Territory.

31.—ACROSTICHUM.

Key to species.

1. Fronds simple ...	... ...	1. *austro-sinicum.*
Fronds pinnate ...	.. ..	2.
2. Barren fronds under 6 inches long	...	4. *quercifolium.*
Barren fronds more than 6 inches long		3.

3. Pinnae 3 to 7	4.
Pinnae more than 7	5.
4. Terminal fertile pinnae over 1 inch broad	5. *Harlandii.*
Terminal fertile pinnae ½ inch broad ...	6. *flagelliferum.*
5. Fronds including stipes 6 inches to 1 foot long	3. *appendiculatum.*
Fronds including stipes 1½ feet long or more	6.
6. Barren pinnae serrated towards the apex	8.
Barren pinnae not serrated	8.
7. Edge of pinnae, fertile and barren, entire	8. *aureum.*
Edge of barren pinnae crenate ...	7. *repandum.*
8. Veins anastomosing	9. *Blumeanum.*
Veins free	2. *sorbifolium.*

1. **A. austro-sinicum,** *Tutcher* ; *Elaphoglossum austrosinicum*, Matthew et Christ in Lecomte, Not. Syst. 1909, 57. On the east side of Taimoshan at 2700 ft., Hongkong New Territory.
2. **A. sorbifolium,** *Linn.* ; Hook. et Bak. Syn. Fil. 412. North River.
3. **A. appendiculatum,** *Willd.* ; Hook. et Bak. l. c. 415. Mt. Parker south and Sheko ravine, Hongkong ; Taimoshan, Hongkong New Territory ; Lienchow River ; Lofoushan.
4. **A. quercifolium,** *Retz.* ; Hook. et Bak. l. c. 418. Near Wongneichong and Robinson Rd., Hongkong ; Hoifung ; Lofoushan ; White Cloud hills, Canton ; Fungwongshan.
5. **A. Harlandii,** *Hook.* ; Hook. et Bak. l. c. 418. On Mt. Gough in a shady ravine, Hongkong ; Lantao Island, Hongkong New Territory ; bank of the Han River, Swatow.
6. **A. flagelliferum,** *Wall.* ; Hook. et Bak. l. c. 418. Lienchow River ; North River.
7. **A. repandum,** *Blume* ; Hook. et Bak. l. c. 419. Common in shady ravines, Hongkong ; Lienchow River.
8. **A. aureum,** *Linn.* ; Hook. et Bak. l. c. 423. In the estuaries at Taitam Tuk and Aberdeen, Hongkong ; Taipo, Taisuihang river and Wongneichau Bay, Hongkong New Territory.
9. **A. Blumeanum,** *Hook.* ; Hook. et Bak. l. c. 423. North River.

32.—OSMUNDA.

Key to species.

1. Fronds simply pinnate	1. *javanica.*
Fronds twice pinnate	2.
2. Lateral pinnules ¼ to ¾ inch long ...	2. *bipinnata.*
Lateral pinnules 1 to 3 inches long ...	3. *regalis.*

1. **O. javanica,** *Blume* ; Hook. et Bak. Syn. Fil. 426. Common on the banks of streams, Hongkong ; Taimoshan and Shatin, Hongkong New Territory ; Lienchow River ; Macao.

2. **O. bipinnata,** *Hook.*; Hook. et Bak. l. c. 426. Mt. Parker above Taitam reservoir, Hongkong; Long Harbour, Mirs Bay, Hongkong New Territory.
3. **O. regalis,** *Linn.*; Hook. et Bak. l. c. 427. On Mt. Parker, Mt. Gough and Mt. Cameron, but not common in Hongkong; abundant on Maönshan, Hongkong New Territory; Lienchow River.

33.—LYGODIUM.

Key to species.

1. Fully developed barren pinnules palmate	1. *dichotomum.*
Fully developed barren pinnules pinnate	2.
2. Pinnules once pinnate	2. *scandens.*
Pinnules twice pinnate at the base ...	3.
3. Lamina of fertile segments much reduced	4. *japonicum.*
Lamina of fertile segments not reduced	3. *pinnatifidum.*

1. **L. dichotomum,** *Swartz*; Hook. et Bak. Syn. Fil. 437. Behind the Buddhist temple, Causeway Bay, ravines on Mt. Gough, Cape d'Aguilar and in the Little Hongkong woods, Hongkong; Kowloon hills, Hongkong New Territory.
2. **L. scandens,** *Swartz*; Hook. et Bak. l. c. 437. Common on the south side of the island, Hongkong; at Shingmun, Hongkong New Territory; hill near Chaochaufu.
3. **L. pinnatifidum,** *Swartz*; Hook. et Bak. l. c. 438. Near Fanling, and between Hokun and Kowloon City, Hongkong New Territory; near Yit-hai Swatow.
4. **L. japonicum,** *Swartz*; Hook et Bak. l. c. 439. Very common in the island, Hongkong; near Shingmun, Hongkong New Territory; Whampoa; Macao; Lofoushan.

34.—ANGIOPTERIS.

1. **A. evecta,** *Hoffm.*; Hook. et Bak. l. c. 440. Mt. Gough, Mt. Parker, and Sheko ravine, Hongkong.

35.—OPHIOGLOSSUM.

Key to species.

Rootstock slightly tuberous; sterile portion of frond lanceolate gradually narrowed below	1. *japonicum.*
Rootstock not tuberous; sterile portion of frond ovate rounded or subcordate below	2. *pedunculosum.*

1. **O. japonicum,** *Prantl*; *O. nudicaule*, Hook. et Bak. Syn. Fil. 445 (partly). In the ravine south of Wanchai Gap, Hongkong.
2. **O. pedunculosum,** *Desv.*; *O reticulatum*, Hook. et Bak. l. c. 446 (partly). A weed in flower pots in the Botanic Gardens, Hongkong, and wild "above Victoria near the reservoir.'

EQUISETACEAE.

1.—EQUISETUM.

1. **E. debile,** *Roxb.*; Bak. Fern Allies, 5. South of Victoria Gap, northwest of Mt. Kellet, above Pokfulam reservoirs, and near Victoria fort, Hongkong; Taimoshan, Hongkong New Territory; Lienchow River; Lofoushan.

LYCOPODIACEAE.

Key to genera.

Leafy; sporangia orbicular, 1-celled, 2-valved	1. *Lycopodium.*
Leafless; sporangia turbinate, 3-celled, 3-valved	2. *Psilotum.*

1.—LYCOPODIUM.

Key to species.

1.	Sporangia not in distinct terminal spikes	2.
	Sporangia in distinct terminal spikes...	4.
2.	Leaves unaltered; sporangia ina xils of leaves	3.
	Leaves gradually passing into bracts; spike indistinct	3. *Fordii.*
3.	Leaves serrated; sporangia all down the stem	2. *serratum.*
	Leaves not serrated; sporangia at the top of stem...	1. *Hamiltonii.*
4.	Leaves multifarious	5.
	Leaves dimorphous, distichous ...	8. *carolinianum.*
5.	Spikes dichotomously forked; leaves ½ to ¾ inch long	4. *Phlegmaria.*
	Spikes not dichotomously forked: leaves under ¼ inch long	6.
6.	Spikes panicled, 1 to 3 inches long ...	7.
	Spikes not panicled, ¼ to ¾ inch long...	5. *cernuum.*
7.	Leaves conspicuously decurrent ...	6. *casuarinoides.*
	Leaves not decurrent	7. *clavatum.*

1. **L. Hamiltonii,** *Spreng.*; Bak. Fern Allies, 10. Lofoushan.
2. **L. serratum,** *Thunb.*; Bak. l. c. 12. Taimoshan, Hongkong New Territory; Kwaisin, Hoifung; Lofoushan.
3. **L. Fordii,** *Bak.* l. c. 17. Lantao Island, Hongkong New Territory; Hoifung; Lofoushan.
4. **L. Phlegmaria,** *Linn.*; Bak. l. c. 22. Tingushan on trees; Lanfa Mt. on tree trunks, Hoifung.
5. **L. cernuum,** *Linn.*; Bak. l. c. 23. Very common on the hills in Hongkong and Hongkong New Territory; hills near Chaochaufu.
6. **L. casuarinoides,** *Spring*; Bak. l. c. 24. Taimoshan and Lantao Island at 2700 ft., Hongkong New Territory; stream near Chaochaufu; Hoifung; Lofoushan.

7. **L. clavatum,** *Linn.*; Bak. l. c. 26. Top of Phoenix Mt., Swatow.

8. **L. carolinianum,** *Linn.*; Bak. l. c. 28. High mountain east of Wongneichong in a swamp and on top of hills at North Point, Hongkong; in a swamp east of Shatin Pass road, Hongkong New Territory.

2.—PSILOTUM.

1. **P. triquetrum,** *Swartz*; Bak. Fern Allies, 30. Mt. Victoria, Mt. Gough, and in the Happy Valley woods in crevices of rocks, Hongkong.

SELAGINELLACEAE.

1.—SELAGINELLA.

Key to species.

1.	Bracts of spikes uniform	2.
	Bracts of spikes dimorphous	9.
2.	Main stems decumbent	3.
	Main stems ascending or erect ...	5.
3.	Base of leaves of lower plane ciliated on upper side	4. *concinna.*
	Base of leaves not ciliated	4.
4.	Leaves of the lower plane oblique, subovate, blue-green	1. *uncinata.*
	Leaves of the lower plane oblong-lanceolate, pale green	2. *semicordata.*
5.	Leaves rosulate	6. *involvens.*
	Leaves not rosulate	6.
6.	Stems ascending	7.
	Stems erect	8.
7.	Leaves $\frac{1}{5}$ to $\frac{1}{4}$ inch long; stems $\frac{1}{2}$ to 1 foot long	5. *atroviridis.*
	Leaves $\frac{1}{12}$ to $\frac{1}{8}$ inch long; stems $1\frac{1}{2}$ to 4 feet long, sarmentose	7. *canaliculata.*
8.	Leaves of lower plane much imbricated over the stem, close together ...	8. *caulescens.*
	Leaves of lower plane slightly imbricated over the stem, spaced ...	9. *flabellata.*
9.	Main stems ascending	13. *tenera.*
	Main stems decumbent	10.
10.	Spikes $\frac{1}{2}$ to 1 inch long	3. *plumosa.*
	Spikes $\frac{1}{4}$ to $\frac{1}{3}$ inch long	11.
11.	Bracts of spikes more than 1 line diameter	12.
	Bracts of spikes $\frac{3}{4}$ to 1 line diameter ...	12. *heterostachys.*
12.	Bracts of upper plane cuspidate ...	11. *proniflora.*
	Bracts of upper plane lanceolate ...	10. *xiphiolepis.*

1. **S. uncinata,** *Spring*; Bak. Fern. Allies, 48. Victoria Peak and Mt. Gough, Hongkong; Lantao Island, Hongkong New Territory; Chaochaufu.

2. **S. semicordata,** *Spring* ; Bak. l. c. 48. Mt. Gough, Hongkong ; in a wood at Taiwai, Hongkong New Territory ; Chaochaufu.
3. **S. plumosa,** *Bak.* ; l. c. 50. In Glenealy ravine above Conduit Rd. and Victoria Peak, Hongkong ; Lantao Island, Hongkong New Territory.
4. **S. concinna,** *Spring* ; Bak. l. c. 52. Hongkong without locality.
5. **S. atroviridis,** *Spring* ; Bak. l. c. 77. Not uncommon in shady ravines, Hongkong ; Lantao Island, Hongkong New Territory ; hill near Chaochaufu.
6. **S. involvens,** *Spring* ; Bak. l. c. 87. On Victoria Peak, Mt. Nicholson, Mt. Parker, and elsewhere, Hongkong ; Lantao Island, Hongkong New Territory.
7. **S. canaliculata,** *Bak.* ; l. c. 91. Mt. Gough, Happy Valley woods, and Taitam catchwater, Hongkong.
8. **S. caulescens,** *Spring* ; Bak. l. c. 94. Lofoushan.
9. **S. flabellata,** *Spring* ; Bak. l. c. 98. Mt. Gough, Taitamtuk, Happy Valley woods and elsewhere, Hongkong.
10. **S. xiphiolepis,** *Bak.* ; l. c. 108. Hongkong without locality.
11. **S. proniflora,** *Bak.* ; l. c. 108. Little Hongkong, Hongkong ; Lantao Island, Hongkong New Territory.
12. **S. heterostachys,** *Bak.* ; l. c. 110. Hongkong without locality.
13. **S. tenera,** *Spring* ; Bak. l. c. 118. Victoria Peak, Mt. Kellet, Mt. Gough, and shady banks on the Aberdeen New Road, Hongkong.

RHIZOCARPEAE.

Key to genera.

1. Land plant with single conceptacles, containing one kind of sporange ...	2.
Floating plant ; conceptacles double, containing two kinds of sporange	3. *Marsilea.*
2. Leaves entire with anastomosing venation	1. *Salvinia.*
Leaves very small, bifid, simple veined	2. *Azolla.*

1.—SALVINIA.

1. **S. natans,** *Hoffm.* ; Bak. Fern Allies, 135. North Point, Hongkong ; ditches near Chaochaufu.

2.—AZOLLA.

1. **A. caroliniana,** *Willd.* ; Bak. Fern Allies, 138. East Point, Hongkong ; Lantao Island, Hongkoug New Territory ; Ngchungshan, north of Mirs Bay, near Hongkong.

3.—MARSILEA.

1. **M. quadrifoliata,** *Linn.* ; Bak. Fern Allies, 139. Stream near Chaochaufu ; West River.

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Eleusine, 327.
Embelia, 158.
Emilia, 148.
Endospermum, 240.
Engelhardtia, 251.
Enkianthus, 154.
Epaltes, 143.
Epimedium, 33.
Epipremnum, 289.
Equisetaceae, 357.
Equisetum, 357.
Eragrostis, 328.
Eremochloa, 321.
Eria, 262.
Eriachne, 326.
Ericaceae, 154.
Erigeron, 141.
Eriobotrya, 97.
Eriocaulon, 291.
Eriocaulonaceae, 291.
Eriochloa, 314.
Eriosema, 85.
Erodium, 53.
Eruca, 35.
Erycibe, 178.
Eryngium, 116.
Erythrophloeum, 90.
Eugenia, 104.
Eulophia, 265.
Euonymus, 60.
Eupatorium, 139.
Euphorbia, 231.
Euphorbiaceae, 230.
Eurya, 43.
Euryale, 33.
Eustigma, 101.
Evodia, 55.
Evolvulus, 181.
Exacum, 174.
Exccecaria, 241.

Fangchun, W. River.
Fatoua, 244.
Fatshan, near *Canton.*
Faythong probably in the *Sanon* district, N. of *Hongkong.*
Ferula, 117.
Ficoideae, 114.
Ficus, 244.
Filices, 332.
Filoitze, monastery near *Tsingyun, N. River.*
Fimbristylis, 297.
Flemingia, 85.
Fleurya, 248.
Floscopa, 284.
Flueggea, 235.
Foeniculum, 117.
Fookukung or *Fookwing* = *Fukwing.*
Fordia, 77.
Fordiophyton, 107.
Forrestia, 284.
Fragaria, 95.
Fraxinus, 165.
Fritillaria, 280.
Fukwing, on the shore of the *Canton River*, north of *Hongkong New Territory.*
Fuirena, 301.
Funkia, 279.

Gaertnera, 174.
Gahnia, 303.
Galactia, 83.
Galium, 135.
Garcinia, 42.
Gardenia, 131.

Garnotia, 317.
Geissaspis, 77.
Gelsemium, 173.
Geniospermum, 207
Gentiana, 175.
Gentianaceae, 174.
Geodorum, 265.
Geophila, 133.
Geraniaceae, 53.
Gerbera, 149.
Germainea, 323.
Gesneraceae, 192.
Gironniera, 243.
Gleditschia, 89.
Gleichenia, 333.
Glochidion, 235.
Glossogyne, 146.
Glossula, 270.
Glycine, 82.
Glycosmis, 56.
Glyptostrobus, 255.
Gmelina, 203.
Gnaphalium, 143.
Gnetaceae, 255.
Gnetum, 255.
Gomphostemma, 212.
Goodeniaceae, 151.
Goodyera, 267.
Gordonia, 45.
Gramineae, 307.
Grangea, 140.
Graphistemma, 170.
Grewia, 51.
Guttiferae, 42.
Gymnagathis, 107.
Gymnema, 170.
Gymnogramme, 353.
Gymnopetalum, 112.
Gymnotheca, 220.
Gynura, 147.

Habenaria, 270.
Haemadoraceae, 273.
Haemaria, 267.
Halophila, 257.
Haloraginaceae, 102.
Haloragis, 102.
Hamamelidaceae, 100.
Han River, extreme E. of province.
Hedera, 120.
Hedyotis, 125.
Helicia, 226.
Helicteres, 50.
Heliotropium, 177.
Hemerocallis, 279.
Hemiboea, 195.
Hemigraphis, 198.
Hemionitis, 354.
Hemsleya, 113.
Henslowia, 230.
Heptapleurum, 119.
Heritiera, 49.
Herpestis, 187.
Hetaeria, 268.
Heteropanax, 120.
Heteropogon, 322.
Heterosmilax, 277.
Hibiscus, 48.
Hippocratea, 62.
Hiptage, 53.
Hoan, 15 miles north of head of *Mirs Bay, Hongkong.*
Hoifung, near the coast half way between *Hongkong* and *Swatow.*
Homalanthus, 241.
Homalium, 110.
Houttuynia, 220.
Hovenia, 64.
Hoya, 172.
Humulus, 243.
Hwangchuki = *Wongchuki.*
Hydrangea, 98.
Hydrilla, 257.
Hydrocharidaceae, 257.
Hydrocotyle, 115.
Hydrolea, 176.
Hydrophyllaceae, 176.
Hyrgophila, 197.
Hymenophyllum, 335.
Hypoestes, 200.
Hypericaceae, 41.
Hypericum, 41.
Hypolytrum, 301.
Hypoxis, 274.
Hyptis, 208.

Ichnanthus, 316.
Ichnocarpus, 169
Ilex, 59.
Illicium, 28.
Illigera, 103.
Ilysanthes, 188.
Impatiens, 54.
Imperata, 318.
Indigofera, 75.
Inula, 144.
Iodes, 58.
Ipomoea, 178.
Iridaceae, 274.
Iris, 274.
Isachne, 314.
Ischaemum, 322.
Isotoma, 152.
Itea, 99.
Ixonanthes, 53.
Ixora, 132.

Jatropha, 237.
Jasminum, 165.
Juglandaceae, 250.
Juncaceae, 285.
Juncellus, 294.
Juncus, 285.
Jussiaea, 110.
Justicia, 199.

Kadsura, 29.
Kaempferia, 271.
Kaikunshek = *Cock's-comb Rocks, W. River.*
Kalanchoe, 99.
Kandelia, 102.
Knoxia, 132.
Koelreuteria, 66.
Kowloon, mainland opposite *Hongkong Island* partly *Hongkong* and partly *Hongkong New Territory.*
Kyllingia, 296.
Kwaisin, Hoifung.
Kwangchow, French territory in S. of province.

Labiatae, 205.
Lactuca, 150.
Lagarosiphon, 257.
Lagenophora, 140.
Lagerstroemia, 109.
Laggera, 143.
Lamchin not yet located.
Lamium, 211.
Lanfa mountains 20 m. north of *Hoifung.*
Lantana, 201.
Lantao, Hongkong New Territory.
Lappa near *Macao.*
Lapsana, 149.
Lasia, 289.
Lasianthus, 133.
Lathyrus, 82.
Launaea, 151.
Lauraceae, 222.
Lawsonia, 109.
Lecanthus, 248.
Leersia, 317.
Leguminosae, 70.
Lemna, 290.
Lemnaceae, 290.
Lentibulariaceae, 191.
Leonurus, 211.
Lepidagathis, 199.
Lepidium, 35.
Lepidosperma, 302.
Lepironia, 301.
Leptochloa, 327.
Leptodermis, 134.
Lespedeza, 81.
Lettsomia, 178.
Leucas, 211.
Leucena, 91.
Licuala, 285.
Lienchow River, a tributary of the *N. River.*
Lienfashan, Canton River.
Ligustrum, 166.
Liliaceae, 277.
Lilium, 280.
Limacia, 31.
Limnanthemum, 175.
Limnophila, 186.
Linaceae, 53.
Lindenbergia, 185.
Lindera, 225.
Lindsaya, 337.
Lintan on *Loting River.*
Lintin Island, Canton River, near *Hongkong.*
Lipocarpha, 301.
Liparis, 260.
Lippia, 201.
Liquidambar, 101.
Liriope, 273.
Lithospermum, 177.
Litsea, 224.
Livistona, 286.
Lobelia, 152.
Lofoushan Mountains near *Kweichaufu* on the *E. River.*
Loganiaceae, 173.
Lomaria, 341.
Lonicera, 122.
Lophatherum, 329.
Lophanthus, 210.
Lophotocarpus, 290.
Loranthaceae, 228.
Loranthus, 228.
Loropetalum, 101.
Loting River, tributary of *W. River* in W. of province.
Lourea, 80.
Loxostigma, 195.
Ludwigia, 109.
Luffa, 112.
Lukfo, W. of *Canton.*
Lumnitzera, 103.
Lungmun, N.E. of *Canton.*
Lungtoyin, N. River.
Lycium, 183.
Lycopodiaceae, 357.
Lycopodium, 357.
Lycopus, 209.
Lycoris, 275.
Lygodium, 356.
Lysidice, 90.
Lysimachia, 156.
Lythraceae, 108.

Macao, about 35 miles from *Hongkong* on the W. side of the *Canton River.*
Macaranga, 240.
Machilus, 223.
Maesa, 158.
Maisaön, not yet located.
Magnolia, 28.
Magnoliaceae, 27.
Malaisia, 244.
Mallotus, 240.
Malphigiaceae, 53.
Malum not yet located
Malva, 46.
Malvaceae, 46.
Malvastrum, 47.
Mangifera, 69.

Manglietia, 28.
Manisuris, 321.
Maposhan, Lienchow River.
Mawan, Hongkong New Territory.
Mariscus, 296.
Marlea, 120.
Marsdenia, 172.
Marsilea, 358.
Mazus, 185.
Medicago, 74.
Melastoma, 106.
Melastomaceae, 105.
Melia, 58.
Meliaceae, 57.
Melilotus, 75.
Meliosma, 68.
Melochia, 50.
Melodinus, 167.
Melodorum, 30.
Melothria, 113.
Memecylon, 108.
Meniscium, 351.
Menispermaceae, 30.
Mentha, 209.
Mesona, 207.
Michelia, 28.
Microcarpaea, 189.
Microchloa, 326.
Microdesmis, 237.
Microglossa, 141.
Micromelum, 56.
Microrhamnus, 63.
Microtaenia, 211.
Microstylis, 260.
Microtropis, 61.
Millettia, 76.
Mimosa, 91.
Mimulus, 185.
Miscanthus, 318.
Mitracasme, 173.
Mollugo, 114.
Momordica, 112.
Monochasma, 191.
Monochoria, 281.
Morinda, 133.
Morus, 244.
Moschosma, 207.
Mosla, 209.
Mucuna, 83.
Murraya, 56.
Musa, 273.
Mussaenda, 129.
Myoporaceae, 200.
Myoporum, 200.
Myrica, 251.
Myricaceae, 251.
Myriogyne, 146.
Myriophyllum, 102.
Myrsinaceae, 157.
Myrtaceae, 104.

Naiadaceae, 290.
Najas, 291.
Namfom, not yet located.
Namkong River, tributary of the N. River ?
Nanwa Monastery, not yet located.
Nasturtium, 34.
Navarelia, 26.
Nepenthaceae, 219.
Nepenthes, 219.
Nepeta, 210.
Nephelaphyllum, 263.
Nephelium, 66.
Nephrodium, 346.
Nephrolepis, 349.
Nerium, 168.
Neyraudia, 328.
Ngtungshan, just N.E. of *Hongkong New Territory.*
Nicotiana, 183.
N. River, approaching *Canton* from north.
N. W. River, between N. and W. Rivers.
Nyctaginaceae, 213.
Nymphaeaceae, 33.

Ocimum, 206.
Oenanthe, 117.
Olacaceae, 58.
Oldenlandia, 128.
Oleaceae, 165.
Oleandra, 349.
Onagraceae, 109.
Onychium, 339.
Ookaisa, not yet located.
Ophioglossum, 356.
Ophiopogon, 274.
Ophiorrhiza, 129.
Ophiurus, 321.
Oplismenus, 315.
Opuntia, 114.
Orchidaceae, 258.
Oreocharis, 193.
Origanum, 209.
Ormosia, 87.
Ornithochilus, 266.
Orobanchaceae, 191.
Oroxylum, 196.
Orthosiphon, 207.
Oryza, 317.
Osbeckia, 106.
Osmanthus, 166.
Osmunda, 355.
Osteomeles, 98.
Otanthera, 106.
Ottelia, 257.
Oxalis, 53.

Pachyrhizus, 84.
Pachystoma, 263.
Paederia, 134.
Paeonia, 27.
Pakhoi, seaport at extreme W. of province.

Pakong, tributary joining *N. River* at *Shaochaufu*.
Paksha, S. extremity of province.
Pakwan = *White Cloud hills*.
Paliurus, 62.
Palmae, 285.
Pancratium, 275.
Pandanaceae, 287.
Pandanus, 287.
Panicum, 314.
Papaver, 33.
Papaveracae, 33.
Paphiopedilum, 270.
Pardanthus, *see* Belamcanda.
Paris, 281.
Parnassia, 98.
Paspalum, 314.
Passiflora, 110.
Passifloraceae, 110.
Patrinia, 135.
Paulownia, 185.
Pavetta, 132.
Pedalinaceae, 196.
Peliosanthes, 273.
Pellaea, 339.
Pellionia, 248.
Pennisetum, 316.
Pentaphylax, 44.
Pentasacme, 172.
Penthorum, 100.
Peperomia, 221.
Pericampylus, 31.
Perilla, 209.
Peristrophe, 200.
Peristylus, 268.
Perotis, 318.
Petrocodon, 193.
Peucedanum, 118.
Phaius, 263.
Phaseolus, 84.
Phellopterus, 117.
Philydraceae, 282.
Philydrum, 282.
Phlomis, 212.
Phoenix, 285.
Phoenix Mountain, on the left bank of the *Han* above *Chaochaufu*.
Pholidota, 264.
Photinia, 97.
Phragmites, 328.
Phrynium, 273.
Phtheirospermum, 191.
Phyllanthus, 233.
Phyllostachys, 330.
Physalis, 183.
Physurus, 267.
Picrasma, 57.
Pieris, 154.
Pilea, 248.
Pileostegia, 98.
Pimpinella, 117.
Pinellia, 288.
Pinus, 256.
Piper, 220.
Piperaceae, 220.
Pistaceae, 69.
Pistia, 288.
Pisum, 82.
Pithecolobium, 92.
Pittosporaceae, 37.
Pittosporum, 37.
Plantaginaceae, 212.
Plantago, 212.
Platanthera, 269.
Platycarya, 251.
Platycodon, 153.
Plectranthus, 207.
Pleurospermum, 117.
Pluchea, 143.
Plumbaginaceae, 155.
Plumbago, 156.
Podocarpus, 256.
Podophyllum, 33.
Pogonatherum, 320.
Pogonia, 268.
Pogostemon, 208.
Polanisia, 35.
Pollia, 284.
Pollinia, 319.
Polyathia, 30.
Polycarpaea, 40.
Polycarpon, 40.
Polygala, 38.
Polygalaceae, 37.
Polygonaceae, 215.
Polygonatum, 278.
Polygonum, 215.
Polypodium, 350.
Polypogon, 326.
Pongamia, 86.
Pontederiaceae, 281.
Porana, 181.
Portulaca, 41.
Portulacaceae, 41.
Potamogeton, 291.
Potentilla, 95.
Pothos, 289.
Pottsia, 168.
Poupartia, 69.
Pouzolzia, 250.
Pratia, 152.
Premna, 203.
Primulaceae, 156.
Primulina, 193.
Procris, 249.
Proteaceae, 226.
Prunus, 93.
Pseudanthistiria, 324.
Psidium, 104.
Psilotum, 357.
Psychotria, 133.
Pteris, 338.
Pterocarya, 250.
Pterolobium, 89.
Pterospermum, 50.
Pterostigma = Adenosma.
Pueraria, 83.
Pukak, *Weichaufu District*.

Pybus Island, probably near *Hongkong*.
Pycnospora, 80.
Pycreus, 294.
Pygeum, 93.
Pyrola, 155.
Pyrus, 96.

Quercus, 251.
Quisqualis, 103.

Randia, 131.
Ranunculaceae, 25.
Ranunculus, 27.
Rapanea, 158.
Raphanus, 35.
Raphiolepis, 97.
Raphidophora, 289.
Rauwolfia, 168.
Reevesia, 49.
Reineckia, 279.
Remirea, 302.
Rhamnaceae, 62.
Rhamnus, 63.
Rhapis, 286.
Rhizocarpeae, 359.
Rhizophoraceae, 102.
Rhododendron, 154.
Rhodoleia, 101.
Rhodomyrtus, 104.
Rhus, 69.
Rhynchosia, 85.
Rhynchotechum, 193.
Rhynchospora, *see* Rhynchospora.
Ricinus, 240.
Rosa, 95.
Rosaceae, 92.
Rottboellia, 321.
Rourea, 70.
Roxburghiaceae, 276.
Rubia, 135.
Rubiaceae, 123.
Rubus, 94.
Ruellia, 197.
Rumex, 218.
Rungia, 200.
Ruppia, 291.
Rutaceae, 54.
Rynchospora, 302.

Sabia, 68.
Sabiaceae, 68.
Saccharum, 319.
Sageretia, 64.
Sagina, 40.
Sagittaria, 290.
Saichusen, near *Canton*.
Saichuson = *Saichusen*.
Saiheung = *Suheang*.
Saikeung = *Suheang*.
Sain, not yet localised.
Sainam, *Canton*.
Saingan, *Lienchow River*.
Saishushan, near *Canton*.
Salix, 255.
Salomonia, 38.
Salvia, 210.
Salvinia, 359.
Sambucus, 121.
Samolus, 157.
Samtin, *Lienchow River*.
Samydaceae, 110.
Samyung, *W. River*.
Sanicula, 116.
Sanning, near coast west of *Macao*
Sanshui, *Canton*.
Santalaceae, 229.
Sanvitalia, 145.
Sapindaceae, 66.
Sapindus, 66.
Sapium, 241.
Sapotaceae, 160.
Sarcanthus, 266.
Sarcochilus, 266.
Sarcococca, 233.
Sarcopyramis, 107.
Sarcosperma, 161.
Saurauja, 45.
Saururus, 220.
Saussurea, 149.
Saxifraga, 98.
Saxifragaceae, 98.
Scaevola, 151.
Schima, 45.
Schizocapsa, 275.
Schizostachyum, 331.
Schoepfia, 58.
Scilla, 280.
Scirpus, 300.
Scitamineae, 270.
Scleria 303.
Scolopia, 37.
Scoparia, 189.
Scrophulariaceae, 184.
Scutellaria, 210.
Sebastiana, 241.
Securinega, 39.
Sedum, 99.
Selaginellaceae, 358.
Selaginella 358.
Selinum, 117.
Senebiera, 35.
Senecio, 148.
Serissa, 134.
Sesamum, 196.
Sesbania, 77.
Sesuvium, 114.
Setaria, 315.
Shapchaikam, *N. W. River*.
Shatan, not yet located.
Shekmun, near *Canton*.
Shiuhing Pass, *W. River*.
Shiukwan = *Shuikwan*.
Shuikwan = *Shaochaufu*.
Shuitung, 25 miles east of *Kwangchow Bay*.

Sichusan = *Saichusen.*
Sida, 47.
Sideroxylon, 161.
Siegesbeckia, 145.
Simarubaceae, 57.
Sinchung, Canton.
Siphonostegia, 191.
Siukun, not located.
Siushi, Lienchow River.
Sloanea, 52.
Smilax, 273.
Smithia, 77.
Solanaceae, 182.
Solanum, 182.
Solidago, 140.
Solinkun Monastery, on *Lofoushan.*
Soliungkun = *Solinkun.*
Soliva, 146.
Sonchus, 150.
Sonerila, 107.
Soongkong Island, Canton River.
Sophora, 87.
Sopubia, 190.
Sorghum, 323.
Spathoglottis, 263.
Speranskia, 235.
Spermacoce, 135.
Sphaeranthus, 143.
Sphaerocaryum, 317.
Sphenoclea, 153.
Spinifex, 317.
Spiraea, 93.
Spiranthes, 267.
Spodiopogon, 319.
Sponia = Trema,
Sporobolus, 325.
Stachys, 211.
Stachytarpheta, 201.
Statice, 155.
Stauntonia, 32.
Stellaria, 40.
Stemona, 276.
Stenotaphrum, 317.
Stephania, 31.
Stephanotis, 172.
Sterculia, 49.
Sterculiaceae, 49.
Stereospermum, 196.
Stimpsonia, 156.
Stonecutters' Island, Hongkong.
Stranvaesia, 98.
Streptolirion, 284.
Striga, 190.
Strobilanthes, 198.
Strophanthus, 168.
Strychnos, 174.
Stylidiaceae, 151.
Stylidium, 151.
Styracaceae, 162.
Styrax, 164.
Suaeda, 215.
Suheang, on the shore of the *Canton River* north of *Hongkong New Territory.*
Suikong, not yet located.
Swatow, treaty port in the extreme E. of province.
Swertia, 175.
Sycopsis, 101.
Symplocos, 162.
Synedrella, 145.
Szetseshan, between *Sanning* and the sea on the east.

Taccaceae, 275.
Taiïushan, near *Canton.*
Taimoshan, Hongkong New Territory.
Tainia, 264.
Tamarindus, 90.
Tamarixaceae, 41.
Tamarix, 41.
Tangha, Tanghashan, Tanha 30 m. N.E. of *Shaochaufu.*
Taraxacum, 150.
Tashing, W. River.
Tecoma, 196.
Teinpak, Suitung Harbour, 50 m. E. of *Kwangchow.*
Tephrosia, 76.
Ternstroemia, 43.
Ternstroemiaceae, 42.
Tetracera, 27.
Tetragonia, 114.
Teucrium, 212.
Thalictrum, 26.
Thelasis, 267.
Themeda, 324.
Thesium, 229.
Thladiantha, 112.
Thuarea, 317.
Thunbergia, 197.
Thymelaeaceae, 226.
Thyrocarpus, 177.
Thysanolaena, 318.
Thysanospermum, 125.
Thysanotus, 280.
Tiliaceae, 50.
Tingushan, near *Chaukingfu, W. River.*
Toddalia, 56.
Torenia, 187.
Torilis, 118.
Tournefortia, 177.
Toxocarpus, 170.
Trachelospermum, 169.
Trachycarpus, 286.
Trema, 243.
Trichomanes, 335.
Trichosanthes, 111.
Triumfetta, 51.
Tropidia, 267.
Tsingyun, N. River.
Tungkun, delta of *E. River.*
Turpinia, 67.
Tutcheria, 45.
Tyloo Island, probably near *Hongkong.*
Tylophora, 172.
Typhonium, 288.

Ulmus, 242.
Umbelliferae, 115.
Uncaria, 125.
Unona, 30.
Uraria, 80.
Urena, 48.
Urtica, 248.
Urticaceae, 241.
Utricularia, 191.
Uvaria, 29.

Vacciniaceae, 153.
Vaccinium, 153.
Valerianaceae, 135.
Valisneria, 257.
Vandellia, 188.
Ventilago, 62.
Veratrum, 281.
Verbena, 202.
Verbenaceae, 201.
Vernonia, 138.
Veronica, 189.
Viburnum, 121.
Vicia, 81.
Vigna, 84.
Villebrunea, 250.
Vinca, 168.
Viola, 36.
Violaceae, 36.
Viscum, 229.
Vitex, 204.
Vitis, 64.
Vittaria, 354.
Vrydagzynia, 267.

Wahlenbergia, 152.
Waichow, W. River.
Waltheria, 50.
Webera, 130.
Wedelia, 145.
Weichaufu, E. River.
Wendlandia, 125.
Whampoa, 6 miles E. of *Canton.*
White Cloud hills near *Canton.*
Wikstroemia, 227.
Wistaria, 77.
Wonchuki, not yet located.
Wongmau Island, 15 miles S. of *Macao.*
Wongyu, not yet located.
Woodfordia, 109.
Woodwardia, 341.
Wrightia, 168.
Wuling, near *Chaochaufu.*

Xanthium, 144.
Xylosma, 37.
Xyridaceae, 282.
Xyris, 282.

Yingfa, N. River ?
Yintak, N. River.
Yit-hai, between *Phoenix Mt.* and the *Han.*

Zannichellia, 291.
Zanthoxylum, 55.
Zea, 317.
Zehneria, 112.
Zeuxine, 267.
Zingiber, 271.
Zizania, 317.
Zizyphus, 63.
Zornia, 78.
Zoysia, 318.